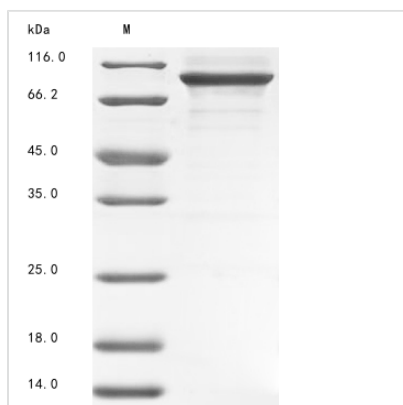




# Recombinant Rat Serotransferrin (Tf)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Code</b>      | CSB-EP023412RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Abbreviation</b>      | Recombinant Rat Serotransferrin protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Uniprot No.</b>       | P12346                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Buffer</b>    | Tris-based buffer,50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Product Type</b>      | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>            | ≥ 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | VPDKTVKWCAVSEHENTK CISFRDHMKT VLPADGPRLACVKKTSYQDCIKAIS<br>GGEADAITLDGGWVYDAGLTPNNLKPVAAEFYGSLEHPQTHYLAVAVVKKGT<br>DFQLNQLQGKKSCHTGLGRSAGWIPIGILLFCNLPEPRKPLEKAVASFFSGSCV<br>PCADPVAFPQLCQLCPGCGCSPTQPFPGYVGAFKCLRDGGGDVAFVKHTTIF<br>EVLPPQKADRDQYELLCLDNTRKPVDQYEDCYLARIPSHAVVARNGDGKEDLIW<br>EILKVAQEHFGKGKSKDFQLFGSPLGKDLLFKDSAFGLLRVPPRMDYRLYLGH<br>SYVTAIRNQREGVCPEGSIDSAPVKWCALSHQERAKCDEWSVSSNGQIECES<br>AESTEDCIDKIVNGEADAMSLDGGGHAYIAGQCGLVPVMAENYDISSCTNPQSD<br>VFPKGYAYAVVKAASDSSINWNNLKGKKSCHTGVDRTAGWNIPMGLLFSRINH<br>CKFDEFFSQGCAPGYKKNSTLCDLCIGPAKCAPNNREGYNGYTGAFAQCLVEK<br>GDVAFVKHQTVLENTNGKNTAAWAKDLKQEDFQLLCPDGTGKPKVTEFATCHL<br>AQAPNHVVVSRKEKAARVSTVLT AQKDLFWKGDKDCTGNFCLFRSSTKDLLF<br>RDDTKCLTKLPEGTTYEEYLGAEYLAQAVGNIRKCSTSRLL EACTFHKS |
| <b>Research Area</b>     | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Target Names</b>      | Tf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Names</b>     | Recommended name: Serotransferrin Short name= Transferrin Alternative name(s): Beta-1 metal-binding globulin Liver regeneration-related protein LRRG03 Siderophilin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Expression Region</b> | 20-698aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Tag Info</b>          | N-terminal 6xHis-KSI-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Mol. Weight</b>       | 89.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Image</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.