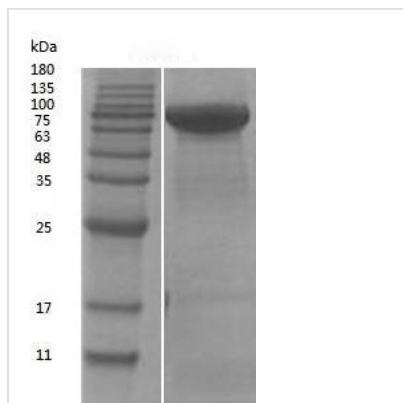




# Recombinant Bovine Serotransferrin (TF) (Active)

<b>Product Code</b>	CSB-MP640906BO-WD
<b>Abbreviation</b>	Recombinant Bovine Serotransferrin protein (Active)
<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>	Q29443
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in sterile water
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Biological Activity</b>	Measured in a serum-free cell proliferation assay using MDCK canine kidney epithelial cells. The ED50 for this effect is 0.5-2 µg/mL.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	<p>DPERTVRWCTISTHEANKCASFRENVLRILESGPFVSCVKKTSHMDCIKAISNN  EADAVTLGGGLVYEAGLKPNNLKPVVAEFHGTKDNPQTHYYAVAVVKKDITDF  KLNELRGKKSCHTGLGRSAGWNIPMAKLYKELPDPQESIQRAAANFFSASCVP  CADQSSFPKLCQLCAGKGTDKCACSNHEPYFGYSGAFKCLMEGAGDVAFVK  HSTVFDNLPNPEDRKNYELLCGDNTRKSVDDYQECYLAMVPSHAVVARTVGG  KEDVIWELLNHAQEHFGKDKPDNFQLFQSPHGDLLFKDSADGFLKIPSKMDF  ELYLGYEYVTALQNLRESKPPDSSKDECMVKWCAIGHQERTKCDRWSGFSG  GAIECETAENTEECIAKIMKGEADAMSLDGGYLYIAGKCGLVPVLAENYKTEGE  SCKNTPEKGYLAVAVVKTSDANINWNNLKDCKSCHTAVDRTAGWNIPMGLLY  SKINNCKFDEFFSAGCAPGSPRNSLALCALCIGSEKGTGKECVPNSNERYYGYT  GAFRCLVEKGDVAFVKDQTVIQNTDGNNEAWAKNLKKNFEVLCKDGTRKP  VTDAENCHLARGPNHAVVSRKDKATCVEKILNKQQDDFGKSVTDCTSNFCLF  QSNKDLLFRDDTKCLASIAKKTYSYLGDDYVRAMTNLRQCSTSKLLEACTF  HKP</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Transferrin
<b>Expression Region</b>	20-704aa
<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>	Tag free
<b>Mol. Weight</b>	75.8 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.

**Endotoxin**

≤0.5 EU/mg by the LAL method

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**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.