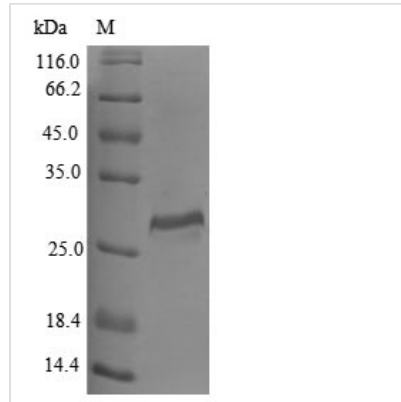




# Recombinant Human Cathepsin O (CTSO)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP006203HU  |
| <b>Relevance</b>         | Proteolytic enzyme possibly involved in normal cellular protein degradation and turnover.   |
| <b>Abbreviation</b>      | Recombinant Human CTSO 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>       | P43234  |
| <b>Storage Buffer</b>    | Tris-based buffer,50% glycerol  |
| <b>Product Type</b>      | Recombinant Proteins  |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥ 85% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | LPLRFDWRDKQVVTQVRNQQMCGGCWAFSVVGAVESAYAIAKGGKPLEDLSVQ<br>QVIDCSYNNYGCNGGSTLNALNWLNMQVKLVKDSEYPFKAQNGLCHYFSG<br>SHSGFSIKGYSAYDFSDQEDEMAKALLTFGPLVVIVDAVSWQDYLGIIQHHC<br>SSGEANHAVLITGFDKTGSTPYWIVRNSWGSSWGVDGYAHVKMGSNVCGIA<br>DSVSSIFV  |
| <b>Research Area</b>     | Cell Biology  |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | CTSO  |
| <b>Protein Names</b>     | CTSO1   |
| <b>Expression Region</b> | 108-321aa   |
| <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 10xHis-tagged and C-terminal Myc-tagged  |
| <b>Mol. Weight</b>       | 28.5 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

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