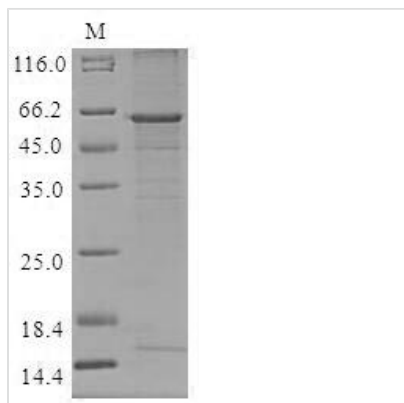




Recombinant Human Cathepsin O (CTSO)

Product Code	CSB-BP006203HU
Relevance	Proteolytic enzyme possibly involved in normal cellular protein degradation and turnover.
Abbreviation	Recombinant Human CTSO protein
Storage	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.
Uniprot No.	P43234
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	LPLRFDWRDKQVVVTQVRNQQMCGGCWAFSVVGAVESAYAIK GKPLEDLSVQ QVIDCSYNNYGCN GGSTLNALNWL NKMV KLVKDSEYPFKAQNG LCHYFSG SHSGFSIKGYSAYDFSDQEDEMAKALLTFG PLVVIVDAVSWQDYLGGIIQHHC SSGEANHAVLITGFDKTGSTPYWIVRNSWGSSWGVDGYAHVKMGSNVCGIA DSVSSIFV
Research Area	Cell Biology
Source	Baculovirus
Target Names	CTSO
Protein Names	CTSO1
Expression Region	108-321aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal MBP-tagged and C-terminal 6xHis-tagged
Mol. Weight	67.5 kDa
Protein Length	Full Length of Mature Protein

Image



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

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.