



Recombinant Chionodraco hamatus Cathepsin D (ctsd)

Product Code	CSB-EP006187DRV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O93428
Product Type	Recombinant Protein
Immunogen Species	Chionodraco hamatus (Antarctic teleost icefish) (Chaenichthys rhinoceratus hamatus)
Purity	>85% (SDS-PAGE)
Sequence	APTPETLKN YLDAQYYGEI GLGTPPQPFT VVFDTGSSNL WVPSIHCSLL DIACLLHHKY NSGKSSTYVK NGTAFAIQYG SGSLSGYLSQ DTCTIGDLAI DSQLFGAEIK QPGVAFIAAK FDGILGMAYP RISVDGVAPV FDNIMSQKKV EQNVFSFYLN RNPDTEPGGE LLLGGTDPKY YTGDFNYVNV TRQAYWQIRV DSMAVGDQLS LCTGGCEAIV DSGTSLITGP SVEVKALQKA IGAFPLIQGE YMVNCDTVPS LPVISFTVGG QVYTLTGEQY ILKVTQAGKT MCLSGFMGLD IPAPAGPLWI LGDVFMGQYY TVFDRDANRV GFAKAK
Source	E.coli
Target Names	ctsd
Protein Names	Recommended name: Cathepsin D EC= 3.4.23.5
Expression Region	62-396
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.