



Recombinant Bovine Cathepsin L2 (CTSL2)

Product Code	CSB-EP006194BO-B
Abbreviation	CTSL2
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.	Q5E998
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	VPKSVDW TKKGYVTPVK NQGQCGSCWA FSATGALEGQ MFRKTGKLVSLSEQNLVDCS RAQGNQGCNG GLMDNAFQYI KDNGCLDSEE SYPYLATDTN SCNYKPECSA ANDTGFVDIP QREKALMKAV ATVGPISVAI DAGHTSFQFY KSGIYYDPDC SSKDLDHGVL VVGYGFEFTD SNNNKFVIVK NSWGPEWGWN GYVKMAKDQN NHCGIATAAS YPTV
Source	E.coli
Target Names	CTSV
Protein Names	Recommended name: Cathepsin L2 EC= 3.4.22.43
Expression Region	114-334
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
Target Details	This protein, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes.
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.