



Recombinant Human Cathepsin L2 (CTSL2)

Product Code	CSB-EP006194HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60911
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	LPKSVDW RKKGYVTPVK NQKQCGSCWA FSATGALEGQ MFRKTGKLVS LSEQNLVDCS RPQGNQGCNG GFMARAFQYV KENGLDSEE SYPYVAVDEI CKYRPENSVA NDTGFTVVPAP GKEKALMKAV ATVGPI SVAM DAGHSSFQFY KSGIYFEPDC SSKNLDHGV L VVG YGFEGAN SNNSKYWLVK NSWGPEWGSN GYVKIAKDKN NHCGIATAAS YPNV
Source	E.coli
Target Names	CTSV
Protein Names	Recommended name: Cathepsin L2 EC= 3.4.22.43 Alternative name(s): Cathepsin U Cathepsin V
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.