



# Recombinant Human Cathepsin L2 (CTSL2)

<b>Product Code</b>	CSB-MP006194HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O60911
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CTSV
<b>Protein Names</b>	Recommended name: Cathepsin L2 EC= 3.4.22.43 Alternative name(s): Cathepsin U Cathepsin V
<b>Expression Region</b>	114-334
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</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.