

Cathepsin-L Recombinant Protein | CTSL recombinant protein

Recombinant Human Cathepsin-L CTSL Human

CATALOG #
AAA38608

PRODUCT SYNONYMS

Cathepsin-L; Recombinant Human Cathepsin-L CTSL Human; Cathepsin L; CTSL1; Cathpsin L1; Major Excreted Protein; MEP; EC3.4.22.15; CATL; EC 3.4.22; CTSL recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	CTSL protein solution (1mg/ml)containing 20mM Tris-HCl (pH 8.0) and 10% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS TLTFDHSLEA QWTKWKAMHN RLYGMNEEGW RRAVWEKNMK MIELHNQEYR EGKHSFTMAM NAFGDMTSEE FRQVMNGFQN RKPRKGKVFQ EPLFYEAPRS VDWREKGYVT PVKNQGQCGS CWAFSATGAL EGQMFRKTGR LISLSEQNLV DCSGPQGNEG CNGGLMDYAF QYVQDNGGLD SEESYPYEAT EESCKYNPKY SVANDTGFDV IPKQEKALMK AVATVGPISV AIDAGHESFL FYKEGIYFEP DCSSEDMDHG VLVVGYGFES TESDNNKYWL VKNSWGEEWG MGGYVKMAKD RRNHCGIASA ASYPTV.
Sequence Length	333
Source	E Coli
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CTSL recombinant protein	CTSL Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 339 amino acids (18-333 a.a) and having a molecular mass of 38.3kDa. CTSL is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for CTSL recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	384081592
NCBI GeneID	1514
NCBI Accession #	NP_001244900.1
NCBI GenBank Nucleotide #	NM_001257971.1
NCBI Official Full Name	cathepsin L1 isoform 1 preproprotein
NCBI Official Synonym Full Names	cathepsin L
NCBI Official Symbol	CTSL
NCBI Official Synonym Symbols	MEP; CATL; CTSL1

NCBI Protein Information	cathepsin L1; major excreted protein
UniProt Protein Name	Cathepsin L1
UniProt Gene Name	CTSL
UniProt Synonym Gene Names	CTSL1; MEP
UniProt Entry Name	CATL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ctsl-recombinant-protein/38608>