

Cathepsin L (CTSL) Recombinant Protein | CTSL recombinant protein

Recombinant Cathepsin L (CTSL)

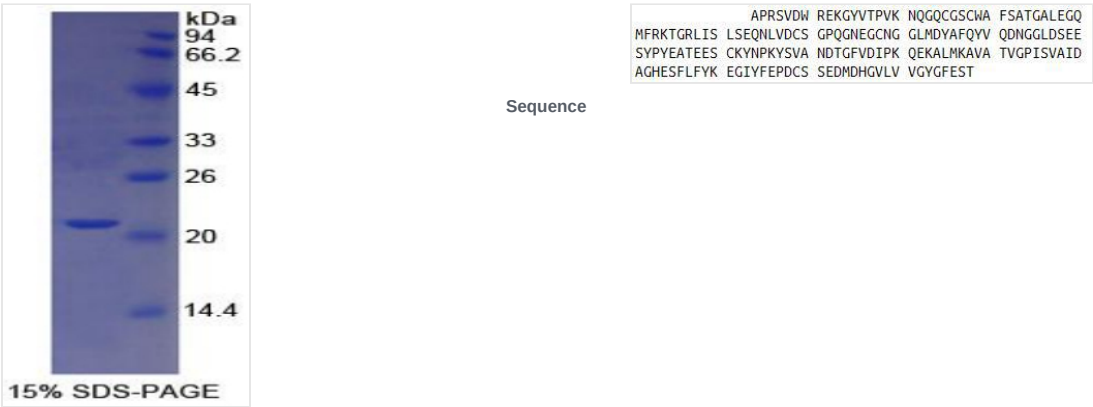
CATALOG # AAA134790	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cathepsin L (CTSL); Recombinant Cathepsin L (CTSL); CTSL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHS GSEF-AP RSVDWREKGY VTPVKNQGQC GSCWAFSATG ALEGQMFRKT GRLISLSEQN LVDCSGPQGN EGCNGGLMDY AFQYVQDNGG LDSEESYPYE ATEESCKYNP KYSVANDTGF VDIPKQEKAL MKAVATVGPI SVAIDAGHES FLFYKEGIYF EPDCSSDMD HGVLVVGYGF EST
Sequence Length	333
Applicable Applications for CTSL recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ala114~Thr288 (Accession # P07711) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	384081592
NCBI GeneID	1514
NCBI Accession #	NP_001244900.1
NCBI GenBank Nucleotide #	NM_001257971.1
UniProt Accession #	P07711; Q6IAV1; Q96QJ0
Molecular Weight	20.6kDa
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.