

Cathepsin L1 (Ctsl1) Recombinant Protein | Ctsl1 recombinant protein

Recombinant Mouse Cathepsin L1 (Ctsl1), partial

CATALOG # AAA113122	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Cathepsin L1 (Ctsl1); Recombinant Mouse Cathepsin L1 (Ctsl1); partial; Ctsl1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	114-288aa; Partial
Sequence	IPKSVDWREK GCVTPVKNQG QCGSCWAFSA SGCLEGQMFL KTGKLISLSE QNLVDCSHAQ GNQGCNGGLM DFAFQYIKEN GGLDSEESYP YEAKDGSCYK RAEFAVANDT GFVDIPQKEK ALMKAVATVG PISVAMDASH PSLQFYSSGI YYEPNCSSKN LDHGVLLVGY GYEGT
Sequence Length	288
Species	Mouse
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Ctsl1 recombinant protein	This protein is a lysosomal cysteine proteinase that plays a major role in intracellular protein catabolism. Its substrates include collagen and elastin, as well as alpha-1 protease inhibitor, a major controlling element of neutrophil elastase activity. The encoded protein has been implicated in several pathologic processes, including myofibril necrosis in myopathies and in myocardial ischemia, and in the renal tubular response to proteinuria. This protein, which is a member of the peptidase C1 family, is a dimer composed of disulfide-linked heavy and light chains, both produced from a single protein precursor. At least two transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753558
NCBI GeneID	13039
NCBI Accession #	NP_034114.1
NCBI GenBank Nucleotide #	NM_009984.4

UniProt Accession #	P06797; Q91UZ0
Molecular Weight	26.2 kDa
NCBI Official Full Name	cathepsin L1 preproprotein
NCBI Official Synonym Full Names	cathepsin L
NCBI Official Symbol	Ctsl
NCBI Official Synonym Symbols	fs; MEP; nkt; CatL; Ctsl1; 1190035F06Rik
NCBI Protein Information	cathepsin L1
UniProt Protein Name	Cathepsin L1
UniProt Gene Name	Ctsl
UniProt Synonym Gene Names	Ctsl1; MEP

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://www.aaabiotech.com/ctsl-recombinant-protein-e-coli/113122>