

Cathepsin L, Human Liver Protein | CTSL1 protein

Cathepsin L, Human Liver

CATALOG #
AAA37808

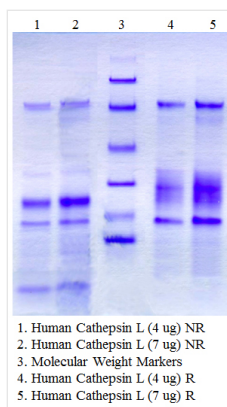
PRODUCT SYNONYMS

Cathepsin L; Human Liver; CTSL1 protein

PRODUCT SPECIFICATIONS

Form/Format	0.2 micron filtered solution in 0.05 M sodium acetate and 0.8M sodium chloride, pH 5.5
Concentration	0.290 mg/ml (varies by lot)
Sequence Length	333
Unit Definition	One unit is the amount of enzyme that hydrolyzes one umole of Z-Phe-Arg-AFC Per minute at ambient temp. (22-25°C) in 400 mM Na acetate, pH 5.5 with 4 mM EDTA and 8mM DTT.
Buffer	Each 25ug in 86.2 ul 20mM malonate buffer, pH 5.5, with 1mM EDTA, and 400 mM NaCl
Specific Activity	6.6 units/mg protein
Activity	8.6 units/mL
Simple Activity	2.66 U/mg
Preparation and Storage	Store at -70 degree C. Shelf Life: 3 years from delivery

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for CTSL1 protein	The most powerful of the lysosomal proteases. It has a higher specific activity than cathepsin B and H in the degradation of a variety of physiological protein substrates. The level of cathepsin L is a strong predictor of relapse and survival following tr
Product Categories/Family for CTSL1 protein	Cathepsin; Human Cathepsins

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
NCBI Official Full Name	cathepsin L1 isoform 1 preproprotein
NCBI Official Synonym Full Names	cathepsin L1
NCBI Official Symbol	CTSL1
NCBI Official Synonym Symbols	MEP; CATL; CTSL
NCBI Protein Information	cathepsin L1; major excreted protein
UniProt Protein Name	Cathepsin L1
UniProt Gene Name	CTSL1
UniProt Synonym Gene Names	CTSL; 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/ctsl1-protein/cathepsin-l-human-liver/37808>