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Datasheet for ABIN7318255 Cathepsin L Protein (His tag)

Overview

Quantity:	50 µg
Target:	Cathepsin L (CTSL1)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin L protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cathepsin L/CTSL Protein (His Tag)
Sequence:	Thr18-Val333
Characteristics:	Recombinant Human Cathepsin L is produced by our Mammalian expression system and the target gene encoding Thr18-Val333 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Cathepsin L (CTSL1)
Alternative Name:	Cathepsin L/CTSL (CTSL1 Products)
Background:	Background: Cathepsin L is an enzyme. Cathepsin L, a lysosomal endopeptidase expressed in most eukaryotic cells, is a member of the papain-like family of cysteine proteinases. Cathepsin L plays a major role in antigen processing, tumor invasion and metastasis, bone resorption, and

Target Details

turnover of intracellular and secreted proteins involved in growth regulation. Unlike the precursor forms of other papain family members, the 43 kDa pro-cathepsin L itself is secreted from various cells. Pro-cathepsin L is the major excreted protein of malignantly transformed mouse fibroblasts and is also one of the major acidic cysteine proteases in mammalian cells. Synonym: Cathepsin L1, Major Excreted Protein, MEP, CTSL1, CTSL

Molecular Weight:	36.9 kDa
UniProt:	P07711
Pathways:	Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM HAc-NaAc, 150 mM NaCl, pH 4.5.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.