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Datasheet for ABIN7318256

**Cathepsin L2 Protein (CTSL2) (His tag)**

## Overview

Quantity:	50 µg
Target:	Cathepsin L2 (CTSL2)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin L2 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Cathepsin L2/CTSL2 Protein (His Tag)
Sequence:	Val18-Val334
Characteristics:	Recombinant Human Cathepsin L2/Cathepsin V is produced by our Mammalian expression system and the target gene encoding Val18-Val334 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 L2 (CTSL2)
Alternative Name:	Cathepsin L2/CTSL2 ( <a href="#">CTSL2 Products</a> )
Background:	Background: Cathepsin L2 belongs to the Peptidase C1 family. Cathepsin L2 can be autocatalytically converted to the mature form as a proenzyme in lysosomes at pH =7.0.

## Target Details

Cathepsin L2 cannot be expressed in normal mammary gland, colon and peritumoral tissue, but it can be expressed in breast carcinomas and colorectal tissues. These suggests Cathepsin L2 may play a role in tumor processes. Cathepsin L2 is specifically expressed in the testis, thymus, and corneal epithelium.

Synonym: Cathepsin L2, Cathepsin U, Cathepsin V, CTSL2, CATL2, CTSU, CTSV

Molecular Weight: 36.7 kDa

UniProt: [O60911](#)

Pathways: [Toll-Like Receptors Cascades](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM MES, 150 mM NaCl, pH 5.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.