

Datasheet for ABIN2713241  
**Cathepsin L2 Protein (CTSL2)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	10 µg
Target:	Cathepsin L2 (CTSL2)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Cathepsin L2 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

## Target Details

Target:	Cathepsin L2 (CTSL2)
Alternative Name:	Cathepsin I2 ( <a href="#">CTSL2 Products</a> )
Background:	The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. Alternatively spliced variants, encoding the same protein, have been identified.

## Target Details

Molecular Weight:	36.7 kDa
NCBI Accession:	<a href="#">NP_001324</a>
Pathways:	<a href="#">Toll-Like Receptors Cascades</a>

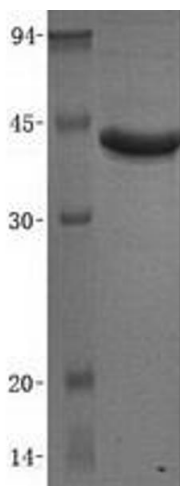
## Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Restrictions:	For Research Use only

## Handling

Concentration:	50 µg/mL
Buffer:	20 mM MES, 150 mM NaCl, pH 5.5. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



### Western Blotting

**Image 1.** Validation with Western Blot