

Datasheet for ABIN2713231

Cathepsin B Protein (CTSB) (Transcript Variant 1) (His tag)



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1 Image

Overview

Quantity:	10 µg
Target:	Cathepsin B (CTSB)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin B protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human Cathepsin B (transcript variant 1) protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
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 B (CTSB)
Alternative Name:	Cathepsin B (CTSB Products)
Background:	Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Has also been implicated in tumor invasion and metastasis. [UniProtKB/Swiss-Prot

Target Details

	Function]
Molecular Weight:	36.9 kDa
NCBI Accession:	NP_001899
Pathways:	Activation of Innate immune Response, Toll-Like Receptors Cascades

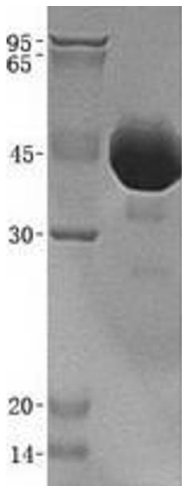
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	20 mM Tris-HCl, 150 mM NaCl, pH 8.0. 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