

Datasheet for ABIN7607302

Cathepsin B Protein (CTSB) (AA 18-339) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Cathepsin B (CTSB)
Protein Characteristics:	AA 18-339
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Cathepsin B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CTSB Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave the fluorogenic peptide substrate Z-LR-AMC. The specific activity is >2,000 pmol/min/µg, as measured under the described conditions.

Target Details

Target:	Cathepsin B (CTSB)
Alternative Name:	APP secretase (CTSB Products)

Target Details

Background:	APP secretase, CPSB, Cathepsin B, Cathepsin B1, CTSB, APPS,
UniProt:	P10605
Pathways:	Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months