

Datasheet for ABIN7607759

Cathepsin Z Protein (CTSZ) (AA 21-303) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Cathepsin Z (CTSZ)
Protein Characteristics:	AA 21-303
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Cathepsin Z protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CTSZ 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, McaRPPGFSAFK(Dnp)-OH. The specific activity is >800 pmol/min/µg, as measured under the described conditions.

Target Details

Target:	Cathepsin Z (CTSZ)
Alternative Name:	Cathepsin P (CTSZ Products)

Target Details

Background:	Cathepsin P, Cathepsin Z, CTSZ, Cathepsin X
UniProt:	Q9UBR2
Pathways:	Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

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