

Datasheet for ABIN7607227

CST1 Protein (AA 21-141) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CST1
Protein Characteristics:	AA 21-141
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CST1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), ELISA, Western Blotting (WB), Activity Assay (AcA), Immunogen (Imm)

Product Details

Purpose:	Recombinant Human CST1 Protein, C-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 inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC. The IC50 value is <11.0 nM.

Target Details

Target:	CST1
Alternative Name:	Cystain-SA-I (CST1 Products)

Target Details

Background: Cystain-SA-I, CST1, Cystatin-1, Cystatin-SN, Salivary cystatin-SA-1

UniProt: [P01037](#)

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