

Datasheet for ABIN7607207

CST7 Protein (AA 20-145) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CST7
Protein Characteristics:	AA 20-145
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CST7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), ELISA, Western Blotting (WB), Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CST7 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 <6.0 nM, as measured under the described conditions.

Target Details

Target:	CST7
Alternative Name:	CST7 (CST7 Products)

Target Details

Background:	CST7, Cystatin-7, Leukocystatin, Cystatin-like metastasis-associated protein, CMAP, Cystatin-F
UniProt:	076096

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