

Datasheet for ABIN7607226  
**CST4 Protein (AA 21-141) (His tag)**



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## Overview

Quantity:	50 µg
Target:	CST4
Protein Characteristics:	AA 21-141
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CST4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human CST4 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 approximately is 26.3 nM.

## Target Details

Target:	CST4
Alternative Name:	Cystatin-4 ( <a href="#">CST4 Products</a> )

## Target Details

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Background: Cystatin-4, CST4, Salivary acidic protein 1, Cystatin-S, Cystatin-SA-III

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UniProt: [P01036](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.

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Storage: 4 °C,-20 °C,-80 °C

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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.

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Expiry Date: 12 months