

Datasheet for ABIN7607226

**CST4 Protein (AA 21-141) (His tag)**[Go to Product page](#)

## 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

Background:	Cystatin-4, CST4, Salivary acidic protein 1, Cystatin-S, Cystatin-SA-III
UniProt:	<a href="#">P01036</a>

## 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