

Datasheet for ABIN7607303

CTSA Protein (AA 29-480) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CTSA
Protein Characteristics:	AA 29-480
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CTSA protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CTSA 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 >75 pmol/min/µg, as measured under the described conditions.

Target Details

Target:	CTSA
Alternative Name:	CTSA (CTSA Products)

Target Details

Background:	CTSA, Lysosomal protective protein, Protective protein cathepsin A, Cathepsin A, Carboxypeptidase L, Protective protein for beta-galactosidase, PPGB, Carboxypeptidase C, PPCA
-------------	--

UniProt:	P10619
----------	------------------------

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
--------------	-----------