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Datasheet for ABIN7318378 CST4 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CST4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CST4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cystatin S/CST4 Protein (His Tag)
Sequence:	Ser21-Ala141
Characteristics:	Recombinant Human Cystatin S is produced by our Mammalian expression system and the target gene encoding Ser21-Ala141 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CST4
Alternative Name:	Cystatin S/CST4 (CST4 Products)
Background:	Background: Cystatin-S, also called Cystatin-SA-III or Salivary acidic protein, is usually expressed in submandibular and sublingual saliva but not in parotid saliva(at protein level). This protein, which is phosphorylated at both its N- and C-terminal regions, belongs to the cystatin

Target Details

family. Cystatin-S can function as an inhibitor to papain or ficin, it partially inhibits stem bromelain and bovine cathepsin C.

Synonym: Cystatin-S, Cystatin-4, Cystatin-SA-III, Salivary Acidic Protein 1, CST4

Molecular Weight: 15.2 kDa

UniProt: [P01036](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM MES, 150 mM NaCl, pH 5.5.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.