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Datasheet for ABIN7318379 CST2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CST2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CST2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cystatin SA/CST2 Protein (His Tag)
Sequence:	Trp21-Ala141
Characteristics:	Recombinant Human Cystatin SA is produced by our Mammalian expression system and the target gene encoding Trp21-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:	CST2
Alternative Name:	Cystatin SA/CST2 (CST2 Products)
Background:	Background: Cystatin SA is a member of family 2 of the Cystatin superfamily. Together with Cystatins S and SN, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva. Cystatin SA inhibits Cathepsin L, but may not inhibit

Target Details

Cathepsins B and H. The functions of Cystatin SA are largely unknown. However, it has been suggested to play a role in the control of periodontal tissue destruction.

Synonym: Cystatin-SA, Cystatin-2, Cystatin-S5, CST2

Molecular Weight: 15.4 kDa

UniProt: [P09228](#)

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 TrisHCl, 150 mM NaCl, pH 8.0.

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.