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Datasheet for ABIN2566496 CST2 Protein (His tag)

Overview

Quantity:	0.05 mg
Target:	CST2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CST2 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Characteristics:	Measured by its ability to inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-LR-AMC. The IC50 value is <10.0 nM.
Purity:	>95 % as determined by SDS-PAGE.

Target Details

Target:	CST2
Alternative Name:	Cystatin SA (CST2 Products)
Background:	Cystatin-2 (CST2) is also known as Cystatin-SA, Cystatin-S5, is a secreted thiol protease inhibitor, which belongs to the cystatin family. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The CST1, CST2, CST4, and CST5 are expressed in

Target Details

differential, tissue-specific patterns. CST2 is expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level) and is also expressed in submandibular gland and parotid gland.

Molecular Weight: 15.2 kDa

Gene ID: 1470

UniProt: [P09228](#)

Application Details

Application Notes: This recombinant protein can be used for WB. For research use only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 25 mM Tris and 150 mM NaCl, pH 8.0

Storage: -80 °C, -20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.