

Recombinant Human CST9 Protein, His-tagged

Cat. No. CST9-2035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CST9 (NP_001008693, 29 a.a. - 159 a.a.) partial recombinant protein with His tag expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	29-159 a.a.
Description	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. 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 cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a secreted protein that may play a role in hematopoietic differentiation or inflammation. [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	17.2 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMWCSEEMGGNNKIVQDPMFLATVEFALNTFNVQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	SKEEHAYRLLRVLSSWREDSMDRKWRGKMVFSMNLQLRQTVCRKFEDDIDNCPFQ ESLELNNVRQGISFPQVHSCGCCMGCGVGTGAADKAIPRDKGK
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at -20 centigrade. For long term storage store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	1 mg/mL
Storage Buffer	In 20 mM Tris-HCl. pH 8.0. (10% glycerol, 0.4 M urea)

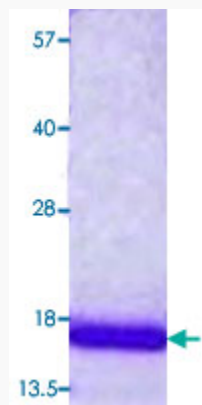
GENE INFORMATION

Gene Name	CST9 cystatin 9 (testatin) [Homo sapiens]
Official Symbol	CST9
Synonyms	CST9; cystatin 9 (testatin); cystatin-9; CLM; cystatin-like molecule;
Gene ID	128822
mRNA Refseq	NM_001008693
Protein Refseq	NP_001008693
MIM	616543
UniProt ID	Q5W186

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Quality Control**Testing:**

15% SDS-PAGE Stained with Coomassie Blue

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA