

# Recombinant Human CST9L Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CST9L-948H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

CST9L MS Standard C13 and N15-labeled recombinant protein (NP\_542177) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### 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. 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 protein similar to mouse cystatin 9. Based on its testis-specific expression, it is likely to have a role in tissue reorganization during early testis development.

### Molecular Mass

17.3 kDa

### AA Sequence

MLGLPWKGGLSWALLLLLLGSQILLIYAWHFHEQRDCDEHNVMARYLPATVEFAVH  
TFNQQSKDYAYRLGHILNSWKEQVESKTVFSMELLGRTRCGKFEEDIDNCHFQE  
STELNNTFTCFITSTRPWMTQFSLNKTCLGFFHTRTRPLEQKLISEEDLAANDILDY

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	KDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	CST9L cystatin 9-like [ Homo sapiens (human) ]
<b>Official Symbol</b>	CST9L
<b>Synonyms</b>	CST9L; cystatin 9-like; cystatin 9 (mouse) like; cystatin-9-like; bA218C14.1; testatin; FLJ92394;
<b>Gene ID</b>	128821
<b>mRNA Refseq</b>	NM_080610
<b>Protein Refseq</b>	NP_542177
<b>MIM</b>	616536
<b>UniProt ID</b>	Q9H4G1

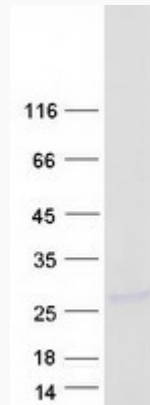
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SDS-PAGE



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