

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 TFNQQSKDYYAYRLGHILNSWKEQVESKTVFSMELLGRTRCGKFEDDIDNCHFQE STELNNTFTCFFTISTRPWMTQFSLNKTCLGFFHTRTRPLEQKLISEEDLAANDILDY

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

GENE INFORMATION

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

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