

# Recombinant Full Length Human CST9L Protein, GST-tagged

Cat. No. CST9L-2244HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CST9L full-length ORF ( AAH29656, 1 a.a. - 147 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	147 amino acids
<b>Description</b>	<p>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. [provided by RefSeq, Jul 2008]</p>
<b>Molecular Mass</b>	41.91 kDa
<b>AA Sequence</b>	MLGLPWKGGLSWALLLLLLLGSQILLIYAWHFHEQRDCDEHNVMARYLPATVEFAVH TFNQSKDYAYRLGHILNSWKEQVESKTVFSMELLGRTRCGKFEDDIDNCHFQE

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STELNNTFTCFFFTISTRPWMTQFSLLNKTCLEGFH

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

**Gene Name**

CST9L cystatin 9-like [ Homo sapiens ]

**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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