

Recombinant Full Length Human CST9L Protein, GST-tagged

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

SPECIFICATION

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

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STELNNTFTCFFTISTRPWMTQFSLLNKTCLEGFH

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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