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	MLGLPWKGGLSWALLLLLLGSQILLIYAWHFHEQRDCDEHNVMARYLPATVEFAVH TFNQQSKDYYAYRLGHILNSWKEQVESKTVFSMELLLGRTRCGKFEDDIDNCHFQE

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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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