

Product datasheet for **SC123109**

CST9L (NM_080610) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CST9L (NM_080610) Human Untagged Clone
Tag:	Tag Free
Symbol:	CST9L
Synonyms:	bA218C14.1; CTES7B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_080610 edited

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AGCCTTCAAAGCTAGTGGCAGAGGGTAGCTCCCCTCCTGCCTGTGGCTTGCTGGCCTA
GAGAGTATAGGGCAGAAGGATGGCAGATGAGTGACTCCACATCCAGAGCTGCCTCCCTTT
AATCCAGGATCCTGTCCTTCCTGTCCTGTAGGAGTGCCTGTTGCCAGTGTGGGGTGAGAC
AAGTTTGTCCACAGGGCTGTCTGAGCAGATAAGATTAAGGGCTGGGTCTGTGCTCAATT
AACTCCTGTGGGCACGGGGGCTGGGAAGAGCAAAGTCAGCGGTGCCTACAGTCAGCACCA
TGCTGGGCCTGCCGTGGAAGGGAGGTCTGTCCTGGGCGTGCTGCTGCTTCTTAGGCT
CCCAGATCCTGCTGATCTATGCCTGGCATTTCACGAGCAAAGGGACTGTGATGAACACA
ATGTCATGGCTCGTTACCTCCCTGCCACAGTGGAGTTTGCTGTCCACACATTCAACCAAC
AGAGCAAGGACTACTATGCCTACAGACTGGGGCACATCTTGAATTCCTGGAAGGAGCAGG
TGGAGTCCAAGACTGTATTCTCAATGGAGCTACTGCTGGGGAAGTACTAGGTGTGGGAAAT
TTGAAGACGACATTGACAACTGCCATTTCCAAGAAAGCACAGAGCTGAACAATACTTTCA
CCTGCTTCTTACCATCAGCACCAGGCCCTGGATGACTCAGTTCAGCCTCCTGAACAAGA
CCTGCTTGAGGGGATTCCACTGAGTGAAACCCACTCACAGGCTTGTCATGTGCTGCTCC
CACATTCGGTGGACATCAGCACTACTCTCCTGAGGACTCTTCAGTGGCTGAGCAGCTTTG
GACTTGTGTTGTTATCCTATTTTGCATGTGTTTGAGATCTCAGATCAGTGTGTTTAGAAAAT
CCACACATCTTGAGCCTAATCATGTAGTGTAGATCATTAACATCAGCATTTTAAGAAAA
AAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080610 unedited NNGGTGGGTTTCGATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCGGGATAGCCTT CAAGCTAGTGGCAGAGGTAGCTCCCCTCCTGCCTGTGGCTTGTGCTGGCCTAGAGAGTAT AGGGCAGAAGGATGGCAGATGAGTGAAGTCCACATCCAGAGCTGCCTCCCTTTAATCCAGG ATCCTGTCTTCTGTCTGTAGGAGTGCCTGTTGCCAGTGTGGGTGAGACAAGTTTGT CCCACAGGGCTGTCTGAGCAGATAAGATTAAGGGCTGGGTCTGTGCTCAATTAACCTCTG TGGGCACGGGGCTGGGAAGAGCAAAGTCAGCGGTGCCTACAGTCAGCACCATGCTGGGC CTGCCGTGGAAGGGAGGTCTGTCTGGGCGCTGCTGCTGCTTCTTTAGGCTCCCAGATC CTGCTGATCTATGCCTGGCATTTCACGAGCAAAGGGACTGTGATGAACACAATGTCATG GCTCGTTACCTCCCTGCCACAGTGGAGTTTGTGTCCACACATTCAACCAACAGAGCAAG GACTACTATGCCTACAGACTGGGGCACATCTTGAATTCCTGGAAGGAGCAGGTGGAGTCC AAGACTGTATTCTCAATGGAGCTACTGTGGGAGAACTAGGTGTGGGAAATTTGAAGAC GACATTGACAACGCCATTTCAAGAAAGCACAGAGCTGAACAATACTTTACCTGCTTC TTCACCATCAGCACCAGGCCCTGGATGACTCAGTTCAGCCTCCTGAACAAGACCTGCTTG GAGGGATTCCACTGAGTGAACCCACTCACAGGCTTGCCATGTGCTGCTCCACATTCC GTGGACATCAGCACTACTCTCTNGAGACTCTTCAGTGGCTGAGCAGCTTTGGAATTGT
Restriction Sites:	Please inquire
ACCN:	NM_080610
Insert Size:	982 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_080610.1 , NP_542177.1
RefSeq Size:	902 bp
RefSeq ORF:	444 bp
Locus ID:	128821
UniProt ID:	Q9H4G1
Cytogenetics:	20p11.21
Protein Families:	Secreted Protein, Transmembrane

Gene Summary:

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]