

Product datasheet for **SC203150**

Cystatin S (CST4) (NM_001899) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cystatin S (CST4) (NM_001899) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CST4
ACCN:	NM_001899
Insert Size:	284 bp
Insert Sequence:	>SC203150 3'UTR clone of NM_001899 The sequence shown below is from the reference sequence of NM_001899. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC CTGGTGAATTCCAGGTGTCAAGAAGCC TAG GGGTCTGTGCCAGGCCAGTCACACCGACCACCACCCACT CCCACCCACTGTAGTGCTCCCACCCTGGACTGGTGGCCCCACCCTGCGGGAGGCCTCCCATGTGCC TGTGCCAAGAGACAGACAGAGAAGGCTGCAGGAGTCCTTTGTTGCTCAGCAGGGCCTCTGCCCTCCCT CCTTCCTTCTTGCTTCTAATAGACCTGGTACATGGTACACACACCCCCACCTCCTGCAATTAACAGTA GCATCGCC ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001899.3</u>



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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 type 2 salivary cysteine peptidase inhibitor. The protein is an S-type cystatin, based on its high level of expression in saliva, tears and seminal plasma. The specific role in these fluids is unclear but antibacterial and antiviral activity is present, consistent with a protective function. [provided by RefSeq, Jul 2008]

Locus ID:

1472

MW:

9.6