

Product datasheet for **SC203131**

Cystatin SA (CST2) (NM_001322) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cystatin SA (CST2) (NM_001322) Human 3' UTR Clone
Symbol:	Cystatin SA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001322
Insert Size:	281 bp
Insert Sequence:	>SC203131 3'UTR clone of NM_001322 The sequence shown below is from the reference sequence of NM_001322. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CTGGTGAATTCCAGGTGTCAAGAAGCC TAG GGATCTGTGCCAGGGAGTCACACTGACCACCTCTACTC CCACCCCTTGTAGTGCTCCACCCCTGGACTGGTGGCCCCACCTGTGGGAGGTCTCCCCATGCACCT GCAGCAGGAGAAGACAGAGAAGGCTGCAGGAGGCCTTTGTTGCTCAGCAGGGGACTCTGCCCTCCCTCC TTCCTTTTGCTTCTCATAGCCCTGGTACATGGTACACACACCCCCACCTCCTGCAATTAACAGTAGCA TCACC ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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_001322.3</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, where they appear to provide protective functions. 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 secreted thiol protease inhibitor found at high levels in saliva, tears and seminal plasma. [provided by RefSeq, Jul 2008]

Locus ID:

1470

MW:

9.9