

Product datasheet for **SC200909**

S100A12 (NM_005621) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	S100A12 (NM_005621) Human 3' UTR Clone
Symbol:	S100A12
Synonyms:	CAAF1; CAGC; CGRP; ENRAGE; MRP-6; MRP6; p6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005621
Insert Size:	146 bp
Insert Sequence:	>SC200909 3'UTR clone of NM_005621 The sequence shown below is from the reference sequence of NM_005621. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GCTGCCATTACCACACCACAAAGAG TAG GTAGCTCTCTGAAGGCTTTTACCCAGCAATGTCCTCAA TGAGGGTCTTTTCTTCCCTCACCAAACCCAGCCTTGCCCGTGGGGAGTAAGAGTTAATAAACACACT CACGAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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_005621.2</u>



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Summary:

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein is proposed to be involved in specific calcium-dependent signal transduction pathways and its regulatory effect on cytoskeletal components may modulate various neutrophil activities. The protein includes an antimicrobial peptide which has antibacterial activity. [provided by RefSeq, Nov 2014]

Locus ID:

6283

MW:

5.5