

Product datasheet for **SC201396**

S100 Calcium Binding Protein A13 (S100A13) (NM_005979) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	S100 Calcium Binding Protein A13 (S100A13) (NM_005979) Human 3' UTR Clone
Symbol:	S100 Calcium Binding Protein A13
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005979
Insert Size:	126 bp
Insert Sequence:	>SC201396 3'UTR clone of NM_005979 The sequence shown below is from the reference sequence of NM_005979. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA CGCATCGCC AAGAAAGACCTGAAGATCAGGAAGAAG TA AGCCGCCTGGCTGAGATGGGGTGGGCAGGGCAGAGCTGA TCAGGGCCGAGCAGAACCGCACTCTTCCCAAATAAAGCTTCTCCTTGAAACACAAA ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_005979.3</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 widely expressed in various types of tissues with a high expression level in thyroid gland. In smooth muscle cells, this protein co-expresses with other family members in the nucleus and in stress fibers, suggesting diverse functions in signal transduction. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

6284

MW:

4.7