

## Product datasheet for **SC201194**

### **S100A4 (NM\_002961) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	S100A4 (NM_002961) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	S100A4
Synonyms:	18A2; 42A; CAPL; FSP1; MTS1; P9KA; PEL98
ACCN:	NM_002961
Insert Size:	168 bp
Insert Sequence:	>SC201194 3'UTR clone of NM_002961 The sequence shown below is from the reference sequence of NM_002961. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCCCAGATAAGCAGCCCAGGAAGAAA <b>TGA</b> AAACTCCTCTGATGTGGTTGGGGGTCTGCCAGCTGGGG CCCTCCCTGTCGCCAGTGGGCACCTTTTTTTTTTCCACCCTGGCTCCTTCAGACACGTGCTTGATGCTGA GCAAGTTCAATAAAGATTCTTGAAGTTTT <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<a href="#">NM_002961.3</a>



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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 may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

**Locus ID:** 6275

**MW:** 6.2