

Product datasheet for **SC204486**

S100 alpha 2 (S100A2) (NM_005978) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	S100 alpha 2 (S100A2) (NM_005978) Human 3' UTR Clone
Symbol:	S100 alpha 2
Synonyms:	CAN19; S100L
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005978
Insert Size:	361 bp
Insert Sequence:	<p>>SC204486 3'UTR clone of NM_005978</p> <p>The sequence shown below is from the reference sequence of NM_005978. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
TTCTTCCAGGGCTGCCAGACCGACCCTAAGCAGAACTCTTGACTTCCTGCCATGGATCTCTTGGGCC
CAGGACTGTTGATGCCTTTGAGTTTTGTATTCAATAAACTTTTTTGTCTGTTGATAATATTTAATTG
CTCAGTGATGTTCCATAACCCGGCTGGCTCAGCTGGAGTGCTGGGAGATGAGGGCCTCTGGATCCTGC
TCCCTTCTGGGCTCTGACTCTCCTGGAAATCTCTCCAAGGCCAGAGCTATGCTTTAGGTCTCAATTTTG
GAATTTCAAACACCAGCAAAAAATTGAAATCGAGATAGGTTGCTGACTTTATTTTGTCAAATAAAGA
TATTAATAAAAGGCAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	SgfI-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.


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RefSeq: NM_005978.4

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 have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer. [provided by RefSeq, Jul 2008]

Locus ID: 6273

MW: 13.7