

Product datasheet for **SC201039**

S100P (NM_005980) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: S100P (NM_005980) Human 3' UTR Clone
Symbol: S100P
Synonyms: MIG9
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_005980
Insert Size: 158 bp
Insert Sequence: >SC201039 3'UTR clone of NM_005980
 The sequence shown below is from the reference sequence of NM_005980. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAGTACTTTGAGAAGGCAGGACTCAAATGATGCCCTGGAGATGTCACAGATTCTGGCAGAGCCATGGT
CCCAGGCTTCCAAAAGTGTGTTGGCAATTATCCCTAGGCTGAGCCTGCTCATGTACCTCTGATT
AATAAATGCTTATGAAATGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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.
RefSeq: [NM_005980.3](#)


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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; however, this gene is located at 4p16. This protein, in addition to binding Ca^{2+} , also binds Zn^{2+} and Mg^{2+} . This protein may play a role in the etiology of prostate cancer. [provided by RefSeq, Jul 2008]

Locus ID:

6286

MW:

5.9