

Product datasheet for **SC211512**

SEMA5B (NM_001031702) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SEMA5B (NM_001031702) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SEMA5B
Synonyms: SEMAG; SemG
ACCN: NM_001031702
Insert Size: 1091 bp
Insert Sequence: >SC211512 3'UTR clone of NM_001031702
The sequence shown below is from the reference sequence of NM_001031702. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
CCTGGACAACGGTGCTTCCCAACAGCTTGATACCGCCGCTCTGGGACTTGGGCTTCTTGCCTTCATAA
GGCACAGAGCAGATGGAGATGGGACAGTGGAGCCAGTTTGGTTTTCTCCCTCTGCCTAGGCCAAGAAC
TTGCTGCCTTGCCTGTGGGGGTCCCATCCGGCTTCAGAGAGCTCTGGCTGGCATTGACCATGGGGGAA
AGGGCTGGTTTCAGGCTGACATATGGCCGAGGTCCAGTTCAGCCCAGGTCTCTCATGGTTATCTTCCA
ACCCACTGTACGCTGACACTATGCTGCCATGCCTGGGCTGTGGACCTACTGGGCATTTGAGGAATTGG
AGAATGGAGATGGCAAGAGGGCAGGCTTTAAAGTTTGGGTTGGAGACAACCTCCTGTGGCCCCACAAG
CTGAGTCTGGCCTTCTCCAGCTGGCCCCAAAAAAGGCCTTTGCTACATCCTGATTATCTCTGAAAGTAA
TCAATCAAGTGGCTCCAGTAGCTCTGGATTTTCTGCCAGGGCTGGGCCATTGTGGTGTGCCCCAGTAT
GACATGGGACCAAGGCCAGCGCAGGTTATCCACCTCTGCCTGGAAGTCTATACTTACCCAGGGCATCC
CTCTGGTCAGAGGCAGTGAAGTACTGGAACTGGAGGCTGACCTGTGCTTAGAAGTCTTTAATCTGGGC
TGGTACAGGCCTCAGCCTTGCCCTCAATGCACGAAAGGTGGCCCCAGGAGAGAGGATCAATGCCATAGGA
GGCAGAAGTCTGGCCTCTGTGCCTATGGAGACTATCTTCCAGTTGCTGCTCAACAGAGTTGTTGGCT
GAGACCTGCTTGGGAGTCTCTGTGGCCCTTCTCTGTTTACGGAACACACACACACACTCACACA
CGCACACACAATCACAATTTGCTACAGCAACAAAAAGACATTGGGCTGTGGCATTATTAATTAAGAT
GATATCCAGTCTCCAATGTCTCTGTGCATCTGTGCGTGGGCTCCTCTTGCATAGCTTAGGCAATCTGA
GCAATGCACCAGGGTGGCAGATGGTCTCTCAAGGGGGGAAATGCCCAAGTAGC
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online »](#)

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_001031702.4</u>
Summary:	This gene encodes a member of the semaphorin protein family which regulates axon growth during development of the nervous system. The encoded protein has a characteristic Sema domain near the N-terminus, through which semaphorins bind to plexin, and five thrombospondin type 1 repeats in the C-terminal region of the protein. The protein product may be cleaved and exist as a secreted molecule (PMID: 19463192). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Locus ID:	54437
MW:	40.5