

## Product datasheet for **SC211126**

### SEMA4C (NM\_017789) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SEMA4C (NM\_017789) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SEMA4C  
**Synonyms:** M-SEMA-F; SEMACL1; SEMAF; SEMAI  
**ACCN:** NM\_017789  
**Insert Size:** 938 bp  
**Insert Sequence:** >SC211126 3'UTR clone of NM\_017789  
The sequence shown below is from the reference sequence of NM\_017789. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GACTCCAACCCCGAGGAGTCATCAGTATGAGGGGAACCCACCACCGCTCGGCGGGAAGCGTGGGAGGTG
TAGTCTCTACTTTTGCACAGGCACCAGCTACCTCAGGGACATGGCACGGGCACCTGCTCTGTCTGGGAC
AGATACTGCCACAGCACCCACCCGCCATGAGGACCTGCTCTGCTCAGCACGGGCACTGCCACTTGGTGT
GGCTCACAGGGCACCAGCCTCGCAGAAGGCATCTTCTCTCTGTGAATCACAGACACGCGGGACC
CCAGCCGCCAAAACCTTTTCAAGGCAGAAGTTTCAAGATGTGTGTTTGTCTGTATTTGCACATGTGTTT
TGTGTGTGTGTATGTGTGTGTGCACGCGCTGCGCGCTTGTGGCATAGCCTTCTGTTTCTGTCAAGTC
TTCCCTTGGCCTGGTCTCTGGTGAGTCATTGGAGCTATGAAGGGGAAGGGTTCGTATCACTTTGTC
TCTCTACCCCACTGCCCGAGTGTGGGCAGCGATGTACATATGGAGGTGGGGTGGACAGGGTGTCTG
TGCCCTTTCAGAGGGAGTGCAGGGCTTGGGGTGGCCCTAGTCTCTCTAGGGCTGTGAATGTTTTCA
GGGTGGGGGGAGGGAGATGGAGCCTCCTGTGTGTTTGGGGGAAGGGTGGGTGGGCCTCCCACTTGGC
CCCGGGTTTCAAGTGGTATTTTACTTGCCTTCTCTGTACAGGGCTGGGAAAGGCTGTGTGAGGGGA
GAGAAGGGAGAGGGTGGGCCTGCTGTGGACAATGGCATACTCTTCCAGCCCTAGGAGGAGGGCTCCT
AACAGTGAACCTATTGTGTCCCGCGTATTTATTTGTTGTAATATTTGAGTATTTTTATATTGACAA
ATAAAATGGAGAAAATGAAACGATTGCTCTGATGGGGCTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_017789.5</a>
<b>Summary:</b>	Cell surface receptor for PLXNB2 that plays an important role in cell-cell signaling. PLXNB2 binding promotes downstream activation of RHOA and phosphorylation of ERBB2 at 'Tyr-1248'. Required for normal brain development, axon guidance and cell migration (By similarity). Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	54910
<b>MW:</b>	33.6