

Product datasheet for **SC206705**

Semaphorin 3B (SEMA3B) (NM_001005914) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Semaphorin 3B (SEMA3B) (NM_001005914) Human 3' UTR Clone
Symbol: Semaphorin 3B
Synonyms: LUCA-1; SemA; SEMA5; SEMAA; semaV
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001005914
Insert Size: 870 bp
Insert Sequence: >SC206705 3'UTR clone of NM_001005914
 The sequence shown below is from the reference sequence of NM_001005914. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGGGGCCGCGCAGCGCAACGCACTGGTGACCAGACTGTCCCCACGCCGGGAACCAAGCAGGAGACGAC
AGGCGAGAGAGGAGCCAGACAGACCCTGAAAAGAAGGACGGGTTGGGGCCGGGCACATTGGGGGTCACC
GGCCGATGGAGACACCAACCGACAGGCCCTGGCTGAGGGCAGCTGCGCGGGCTTATTTATTAACAGGAT
AACCTTGAATGTAGCAGCCCCGGGAGGGCGGCACAGGTCGGGCGCAGGATTCAGCCGGAGGGAAGGGA
CGGGGAAGCCGAGCTCCAGAGCAACGACCAGGGCCGAGGAGGTGCCTGGAGTGCCACCCTGGGAGACA
GACCCACCTCCTTGGGTAGTGAGCAGTGAGCAGAAAAGCTGTGAACAGGCTGGGCTGCTGGAGGTGGGG
CGAGGCAGGCCGACTGTACTAAAGTAACGCAATAAACGCATTATCAGCCAAAGCTGGAATGGCCCCAGC
AGAAAACCCAGTCCTCGGCCTTGCTATGTGGTCTTGGGCACCTTACTAGCGGTGTGAGGGCCCGAGTT
TCTCCTGTCCAAGGTTGCCTGGTGAGGATTAAGGTGGTTCGGGCCAGGCGCGGTGGCTCACGCCTGTA
ATCCCAACACTTTCGGAGGCCAGGCGGACGGATCACGAGGTCAGGAGATGGAACCATCCCGGCTAAC
ACGGTGAACCCCGTCTGTACTAAAAATACAAAAAATTAGTCGGGCGTGGTGGCGGGCGCCTGTAATCC
TAGCTACTCAGGAGGCTGAGGCAGGAGAATTGCTTGAACCTGGGAGGTGGAGGTTGCAATGAGCCTAGA
TCTGCCGCTGCACTCCAGCCTGGGCGACAGAGCGGAGACTCC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI



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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_001005914.3</u>
Summary:	The protein encoded by this gene belongs to the class-3 semaphorin/collapsin family, whose members function in growth cone guidance during neuronal development. This family member inhibits axonal extension and has been shown to act as a tumor suppressor by inducing apoptosis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Locus ID:	7869
MW:	31.4