

Product datasheet for **MC200862**

Sema3f (NM_011349) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sema3f (NM_011349) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sema3f
Synonyms:	Sema4; Semak
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010976 sequence for NM_011349
 CCACGCGTCCGCCTCTCCGCTGCTGCGGCGGCCACCGCTGCCCGGGCGCCAGGCCCCGCCCGCTGGAC
 GAGGTGTCCACAGAACTGGAGCCTGCTTCTGGGCCCCAGGCCCTCCCACGATGCTTGTCACTGCCTTC
 ATCCTCTGGGCTTCCCTGCTGACCGGGGCTGGCTGCTACCCCTATCCAGGACCAGCTTCCAGCCACAC
 CTAGAGTCCGACTGTCATTCAAAGAACTTAAGGCCACCGGTACCGCCACTTCTTCAACTTTCTGCTCAA
 CACTACAGACTACAGAATCCTGCTCAAGGATGAGGACCATGACCCGATGTATGTGGGACAGCAAGGACTAC
 GTGCTGTCCCTGGACCTGCATGACATCAACCGAGAGCCCTTATTATCCATTGGGCAGCCTCCCCGCAGC
 GCATTGAGGAGTGCATACTGTCAAGCAAGGATGGCAATGGAGAGTGTGGTAACTTCGTCCGCTCATCCA
 GCCTTGGAACCGAACACACCTGTATGTGTGTGGGACCGGTGCCTACAACCCCATGTGCACCTATGTGAAC
 CGTGGCCGTCCGCACAGGATTACATCTTCTACCTGGAGCCTGAGAACTGGAGTCAAGAAAAGGCAAAT
 GTCCCTATGACCCCAAGCTGGACACAGCCTCAGCCCTCATCAATGAGGAACTCTATGCAGGAGTGTACAT
 CGATTTTATGGTACCGATGCAGCCATTTCCGCACGCTGGGGAAGCAGACAGCCATGCGCACAGATCAG
 TACAACTCCCGGTGGCTCAATGATCCTTCTTACATACATGCTGAGCTCATCCCTGACAGCGCAGAGCGCA
 ATGACGATAAACTCTACTTCTTCCGAGAGCGCTCGGCAGAGGCGCCACAGAACCCTGCTGTGTATGC
 CCGCATCGGGCGCATCTGCCTAACGATGACGGTGGCCATTGCTGCCTGGTCAACAAGTGGAGCACATTC
 CTGAAGGCTCGGCTCGTCTGCTCCGTGCCAGGCGAGGATGGTATCGAGACCCACTTCGACGAACTCCAGG
 ATGTGTTTGTCCAGCAGACCCAGGACATCAGGAACCCAGTCATTTATGCTGTCTTACCTTTCAGGCTC
 TGTGTTCCGAGGGTCTGCAGTGTGTGTCTACTCCATGGCTGATATCCGCATGGTCTTCAATGGGCTTTT
 GCTCACAAGGAGGGCCCCAACTATCAATGGATGCCCTTCTCAGGAAAGATGCCCTATCCTCGGCCTGGCA
 CATGCCCTGGTGGAACTTACGCCCTCGATGAAGTCCACTAAGGACTACCCTGATGAAGTATCAACTT
 CATGCGCACTCATCCGCTCATGTACCAGCCGTCTACCCGCTCCAGCGGCGACCCCTGGTGGTCCGTACA
 GGGCTCCCTACCGCCTACCACTGTGCTGTGGACCAGTGGATGCAGCTGATGGACGCTATGAGGTGC
 TTTTCTGGGCACAGACCGGGACAGTGCAGAAGGTTCATCGTGTGCCAAGGACGACCCAGGAGGTGGA
 AGAGCTGATGCTAGAGGAAGTGGAGGTCTTCAAGGAACCCAGCACCTGTTAAGACCATGACCATCTCTCC
 AAGAGGCAACAACCTGTATGTGGCCTCAGCCGTGGGTGTCACACACCTGAGCCTGCACCGCTGCCAGGCT
 ATGGAGCTGCCTGTGCCACTGCTGCCTCGCCCGCATCCCTACTGTGCCTGGGATGGCCAGGCTGCTC
 TCGCTACACAGCATCCTCCAAGAGGCGGAGTCCCGGCAAGATGTCGTCACGGGAACCCATCAGACAG
 TGCCGTGGTTTCAATTCCAATGCAAACAAGAATGCCGTAGAGTCTGTGCAGTACGGAGTGGCCGGCAGCG
 CAGCTTCTTGGTGTGACGCCCCGCTCGCCTCAAGCCACTGTCAAGTGGCTGTTCCAGCGAGATCCAG
 TGATCGGCGCCGTGAGATTGCGGCAGGACCGCTTCTGCGTACAGAGCAGGGGCTGTTGCTTCGCGCC
 CTGCAGCTTGGTACCAGGCTCTACTCCTGCACGGCCACTGAGAACAACCTTCAAGCACATCGTCACGC
 GGGTGCAGCTGCATGACTGGGCGGGACGCCGTCCATGCTGCCCTTCCCCCCTGGCTGTGAGCGT
 CCCTCCACCTCCTGGCACAGGCCCTCAACGCCTCCTTACCAGGAGCTGGCCAGCTCCTAGCCAGCCG
 GAAGTGGGCTCATCCATCAGTACTGCCAGGGTACTGGCGCCACGTGCCCCCGAGCCAGGGAGGCGC
 CAGGAGCACTTAGGCCTCCTGAACTCCAGGACCAGAAAAAGCCGAGGAACCGCCGCCACCACCTCCGGA
 CACATGAGGCCAGCTGCTGGAGGCTGCATAGGACCAGCCTAGCCCTCATCCCTTTAATATAAAAAAGAT
 ATATATATATAAAAAATATCTATATTCTATAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_011349

Insert Size: 2265 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC010976](#), [AAH10976](#)

RefSeq Size: 2499 bp

RefSeq ORF: 2265 bp

Locus ID: 20350

UniProt ID: [O88632](#)

Cytogenetics: 9 F1