

Product datasheet for **RN207003**

Sema3f (NM_001108185) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sema3f (NM_001108185) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sema3f
Synonyms:	SemaIV
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN207003 representing NM_001108185
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTGTCACTGGCTTCATCCTCTGGCTTCCCTGCTGACTGGGCTGGCCAGCTGCCCCATCCAGG
 ACCAGCTTCCAGCCACACCAGAGTCCGACTATCTTTCAAAGAAGTTAAGGCCACAGGACTGCCACTT
 CTTCAACTTTCTGCTCAACACTACAGACTACAGAACTCCTGTTCAAGGACGAGGACCATGACCGCATGTAT
 GTGGGACGCAAGGACTACGTGCTGTCCCTGGACCTGCATGACATCAACCGAGAGCCCTTATTATCCACT
 GGGCAGCTCCCCACAGCGCATTGAGGAGTGCATATTGTCAGGCAAGGATGGCAACGGAGAGTGTGGAA
 CTTGTCAGACTCATCCAGCCCTGGAACCGACACACCTGTACGTGTCCGGGACCGGTGCCTACAACCCC
 ATGTGCACCTATGTGAACCGTGGCCGTCGCTCACAGGCCACCCTGGACCCAGATGCAGGTGGTCAGAG
 GCCGAGGACGAGGGCCACAGATGGTGGCAGCCGCCGACGCCACAGCCCCACGCCAGGATTACATCTT
 CTACCTGGAGCCTGAGAACTTGAGTCAAGGAAAGGCAAATGCCATACGACCCCAAGCTGGACACGGCC
 TCAGCCCTCATCAATGAGGAGCTACGCAAGGAGTGTACATCGATTTTATGGGCACTGATGCAGCCATTT
 TCCGTACGCTTGAAAGCAGACAGCCATGCGCACAGATCAGTACAACCTCCCGGTGGCTCAATGATCCTTC
 ATTCATACATGCTGAGCTCATCCCTGACAGCGCTGAGCGCAACGACGATAAACTCTACTTCTTCCGA
 GAGCGCTCTGCAGAGGCTCCGCAGAACCCTGCGGTGTACGCCCGCATCGGGCGCATCTGCCTCAACGATG
 ACGGTGGCCATTGCTGCCTGGTCAACAAGTGGAGCACATTCCTGAAGGCACGGCTCGTCTGCTGTGCC
 AGGCGAGGATGGCATTGAGACCCACTTCGATGAACTCCAGGACGTGTTTGTCCAGCAGACCCAGGACGTC
 AGGAACCCAGTCATTTATGCTGTCTTCACTCTCAGGCTCTGTGTTCCGAGGATCTGCAGTGTGTGCT
 ACTCTATGGCTGACATCCGATGGTCTTCAATGGGCTTTTGTCAACAAGGAGGGCCCAACTACCAGTG
 GATGCCTTTCTCAGGAAAGATGCCGTATCCCCGGCTGGCACATGCCCTGGTGGAACTTTACGCCATCG
 ATGAAGTCCACCAAGGACTATCCTGATGAAGTGTCAACTTCATGCGTACTCATCCACTCATGTACCAGG
 CCGTCTACCCGCTGCAGCGGCCGCCCTGGTGGTCCGTACAGGCGCTCCCTACCGCTCACCCTGTGCG
 TGTGGACCAGGTGGATGCAGCTGATGGACGCTATGAGGTGCTTTTCTGGGCACAGACCGGGACAGTG
 CAGAAGGTCATCGTGTGCCAAGGATGATCAGGAGGTGGAAGAGCTCATGTTAGAGGAGGTGGAGGTCT
 TCAAGGAGCCAGCACCTGTTAAACTATGACCATCTCTTCAAGAGGCAACAACGTATGTGCCTCCGC
 CGTGGGCGTCACACACCTGAGCCTGCACCCTGTGAGGCTATGGAGCTGCCTGTGCTGACTGCTGCCTC
 GCCGAGATCCCTACTGTGCTGGGATGGCCAGGCTGCTCTCGTACACAGCATCTCCAAGAGGCGGA
 GTCGCCGACAAGATGTCCGCCACGGAAACCCATCAGGCAGTGGCGTGGTTTCAATTCCAATGCAAACAA
 GAATGCCATAGAGTCTGTGCAGTACGGCGTGGCCGGAAGTGGCGCTTTCCTTGAGTGCCAGCCTCGGTCA
 CCTCAAGCCACTGTTAAGTGGCTTTTCCAGCGAGATCCAGTGTGCGCGCTCGTGAGATTCGCGCAGAGG
 ACCGCTTCTGCGCACAGAGCAGGGGCTGTTGCTTCCGCGCCTGCAGCTTGGTGACCGGGCCTCTACTC
 CTGCACGGCCACTGAGAACAACTTCAAGCACGTCGTACGCGGGTACAGCTGCATGTACTGGGCCGGAC
 GCCGTCCATGCTGCCCTTCCCCCACTGGCTGTGAGCGTCCCTCCACCTCCTGGCACAGGCCCTCCAA
 CACCTCCTTACCAGGAGCTGGCCAGCTCCTAGCCCAACCGGAAGTGGGCTCATCCATCAGTACTGCCA
 GGGTACTGGCGCATGTGCCCCCAACCCAGGAGGCTCCAGGAGCTCTCAGGCTCCTGAACTCCAG
 GACCAGAAAAGCCGAGGAACCGCCGCCACCATCTCCGACACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001108185
Insert Size: 2358 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:	<ol style="list-style-type: none">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:	<u>NM_001108185.1</u> , <u>NP_001101655.1</u>
RefSeq Size:	3485 bp
RefSeq ORF:	2358 bp
Locus ID:	315996
Cytogenetics:	8q32