

Product datasheet for **RN209238**

Sema3c (NM_001106578) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sema3c (NM_001106578) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sema3c
Synonyms:	MGC189535
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209238 representing NM_001106578
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATTACGGGAGATTGTGTGTTGGTGGAGTATTTATTTGTTCCATTTGCGTCCAAGGATCATCCC
 AGCCCCAAGCAAGAGTGTATTTAACATTGATGAGCTTCGAGAAACAAAACCTCTGAATACTTTAGTCT
 GTCCCACCAGCAGTTAGACTACAGAATATTACTGATGGATGAAGATCAAGACCGGATATACGTGGGAGC
 AAAGACCACATCCTGTCCTTGAATATCAACAATATCAGTCAAGAACCTTTGAGTGTCTTTCTGGCCAGCAT
 CAACAATCAAAGTTGAAGAGTGCAAAAATGGCTGGCAAAGATCCTACACACGGCTGTGGGAATTCGTCCG
 CGTTATTCAGACCTTCAACCGTACTCACTTGTATGTCTGTGGGAGTGGAGCGTTCAGCCCAGTGTGCACC
 TACCTGAACAGGGGAAGGAGGTGAGGACCAAGTTTTTCATGATCGACTCTAAATGTGAATCAGGAAAAG
 GACGATGCTCTTCAACCCCAATGTGAACACCGTGTCTGTTATGATCAATGAGGAACTCTTCTCAGGAAT
 GTATATAGATTTTCAAGGTACAGATGCTGCTATTTTTCGAAGTTAACTAAGAGGAATGCAGTCCGGACT
 GATCAACACAATTCAAAATGGCTGAGTGAACCTATGTTTGTGACGCACATGTGATCCCAGATGGCAGT
 ATCCGAATGATGCTAAGGTCTATTTCTTCTTCAAAGAAAGATTGACTGACAACAACAGGAGCACAAAACA
 GATACATTCATGGTCGCAAGAATATGCCTAATGACACTGGTGGACAACGTAGTCTTGTCAACAAGTGG
 ACCACATTCCTAAAGGCAAGGCTTGTGTGCTCAGTACAGATGAAGATGGCCCAGAGACACATTTTGATG
 AACTAGAGGATGTTTTCTGTGTTGAAACGGACAACCCAAGAACAACACTTGTGTATGGCATCTTCACAAC
 ATCAAGCTCTGTTTTAAAGGATCAGCTGTGTGTGTATCATTATCTGATATACAGACTGTATTCAAT
 GGGCCTTTTCCCACAAGGAAGGGCCCAATCACCAACTGATATCCTATCAAGGTAGAATCCATATCCTC
 GTCTGGAACTTGCCAGGAGGGCTTTACACCCAATATGAGAACCACCAAGGACTTCCCAGATGATGT
 TGTCACTTTCATTGCGAACCACCTCTCATGTACAATTCCATCTACCCCATCCACAGAAGGCCTCTGATC
 GTCGCGATAGGCACTGACTACAAGTACACAAGATTGCTGTGGACCGTGTGAATGCTGCTGATGGGCGAT
 ACCACGTTCTGTTCTCGGGACAGATCGGGGCACCGTGCAGAAGGTCGTAGTCCTTCTACCAACAGCTC
 TGCTAGTGGGAGCTCATTCTGGAGGAGCTGGAAGTCTTAAAGAATCATGTTCTATAACAACAATGAAA
 ATCTCATCAAAAAGCAACAGTTGTACGTGAGCTCCAATGAGGGGGTTTCCCAAGTCTCTCTGCATCGTT
 GCCATATCTACGGCACAGCCTGTGCAGACTGCTGCCTGGCAAGGGACCCATACTGCGCTGGGATGGCCA
 CTCCTGCTCTAGTTCTACCCACTGGGAAACGAAGGAGCCGAAGACAAGACGTGAGACACGGGAATCCA
 TTGACACAGTGCCGAGGGTTCAATCTGAAAGCATACAGAAATGCGGCTGAAATTTGTCAGTACGGAGTAA
 GAAATAACAGCACTTTCCTTGAATGTGCTCCCAAGTCTCCGCAGGCATCTATCAAGTGGTTGCTGCAGAA
 AGACAAAGACAGGAGGAAGGAGTTAACTGAATGAACGCATTATAGCCACTTCCAAGGACTACTGATC
 CGCTCTGTTCAAGATTCTGACCAAGGACTCTACCACTGCATTGCCACAGAGAACAGCTTCAAACAGACCA
 TAGCCAAGATTAACCTCAAAGTTTTAGATTAGAAATGGTGGCCGTTGTGACAGACAAGTGGTCCCCATG
 GACATGGGCTGGATCTGTGAGGGCTCTACCCTTCATCCAAGGACATCTGGGGCATTGAGCCACTCG
 GAAATGCAGCTCATCAACCAGTACTGCAAAGACACCCGGCAGCAACAGCAGCTGGGGGAGGACACAGA
 AGATGAGAGGGGACTATGGCAAACAAAGGCGCTCATCAACAGCAGGAAAAGCAGAAAACAGGAGGAATCA
 GCTTCCAGAGTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001106578
Insert Size: 2256 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_001106578.1</u> , <u>NP_001100048.1</u>
RefSeq Size:	4792 bp
RefSeq ORF:	2256 bp
Locus ID:	296787
Cytogenetics:	4q11