

Product datasheet for **RN204614**

Sema4c (NM_001106902) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sema4c (NM_001106902) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sema4c
Synonyms:	RGD1562837
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN204614 representing NM_001106902
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCACACTGGGCTGTCTGGCTGCTGGCAGCAGGGCTGTGGGGCTGGGCATTGGGGCTGAGATGT
 GGTGGAACCTTGGCCTCGGAAGACTGTATCTTCTGGGGAGCTGGTCACAGTAGTGAGGCGGTTCTCCCA
 GACAGGCATCCAGGACTTCTGACCCTGACCCTGACAGACCGTTCTGGCCTATTATATGTGGGGGCCGG
 GAGGCGCTGTTTGCCTTCAGCGTAGAGGCTCTGGAGCTTCAAGGAGTGATCTCCTGGGAGGCTCCAGCTG
 AGAAGAAAATTGAGTGTACCCAGAAAGGAAGAGCAACCAGACCGAGTGCTTCAACTTACCGCTTCT
 TCAGCCATAACAACGCCTCCCATCTGTACGTTTGTGGTACCTATGCCTTCCAGCCCAAGTGACCTACATC
 AACATGCTCACGTTACCTTGGATCGTGCAGAATTTGAGGACGGGAAGGGTAAATGCCCTTACGACCCAG
 CTAAGGGCCACACTGGACTCCTTGTGGATGGTGAAGTGTACTCGGCTACACTCAATAACTTCTGGGCAC
 AGAGCCGGTTATCCTTCGAAACATGGGGCCCCACCACCCCATCAAGACGGAGTACCTGGCTTTTTGGTTG
 AATGAACCTCACTTTGTAGGCTCTGCCTTTGTCCCTGAGAGTGTGGGAAGCTTACGGGGAGATGATGACA
 AGATCTACTTCTTCTCAGTGAGCGGGCAGTGGAGTATGACTGCTACTCCGAGCAGGTGGTGGCTCGAGT
 GGCACGAGTCTGTAAGGGTGACATGGGGGGAGCACGGACCCTGCAGAAGAAGTGGACAACGTTTCTGAAA
 GCTCGGTTGGTGTGCTCAGCCCCGATTGGAAGGTCTACTTCAACCAGCTGCGGGCAGTGACACCCCTGC
 TGGGCGCTCCTGGCACAAACACCACCTTCTTCGCGGTTTTTCAAGCTCGATGGGGTGATATGGACCTGTC
 AGCAGTCTGCGAGTACCAGTTGGAACATATCCAGCAGGTGTTGAGGGTCCCTTCAAGGAGTACAGCGAG
 CAAGCCAGAGAAGTGGGCCCGCTATACTGACCCAGTACCCACCCCGGCCGTTCTGTCATCAACAAC
 GGCACCGAGACAATGGCTACACCAGTTCTCTGGAGCTGCCGACAAACCCCTTAACTTCAAGAAAGCA
 CCCGCTGATGGAGGAACAGGTGAAGCCTCGGTTGGGCCGCCCCCTACTTGTAAAGAAGAACACGAACTTC
 ACACATGTGGTGGCCGACAGGATCCTAGGACTTGTATGGCGCCACCTATACAGTGTGTTTATTGGTACAG
 GAGATGGTTGGCTGCTGAAAGCTGTAAGCCTGGGGCCCTGGATCCACATGGTGGAGGAGCTGCAGGTGTT
 TGACCAGGAGCCAGTGGAAAGTCTGGTGTGCTCAGAGCAAGAAGGTGCTGTTTGTGGCTCCCGTTCT
 CAACTGGTTCAGCTGTCGCTGGCGGACTGCACGAAGTATCGTCTCTGTGTAGACTGTGCTTGGCAGGG
 ACCCTACTGTGCTGGAATGTCAACACCAGCCGCTGTGTGGCCACCGGTGGTCACTCAGGGTCCCTTCT
 GGTCCAACACGTGGCAAATTTGGACCCTCAAAGATGTGTATCCAGTATGCCATTAAGAAAGCCAGACCT
 GTTGTCCAAAAATATCACAGTTGTAGCAGGCACAGACCTGGTCTACCCTGCCACCTCTCCTCCAATT
 TGCTCATGCCCTCTGGACCTTACAGAGGCCGGACCTGCCTGCAGAAACCTGGCTCCTCCTTTATGA
 CACGGGACTCCAGGCGCTGGTGGTGTATGGCCGCCAGTCCCGCCACTCTGGGCCCTATCATTGCTATTCA
 GAGGAGCAGGGGACAAAACCTGGCTGCAGAAAGCTACCTTGTCTGTCGTTGGCTGGCTCATCGGTGACCC
 TGGAGGCACGGGCTCCCTTGGAAAACCTGGGGCTTGTGTGGTAGCCGTGGTGGCCCTGGGGGCTGTGTG
 CCTGGTGTGCTGCTGTTGGTCTCTCGCTCCGCCGGCGCCTGCGAGAAGAGCTGGAAAAGGGTTCCAAG
 GCAGCCGAGAGGACACTGGTGTACCCCTGGAAGTCCCAAGGAGCCAGCCAGTCCCCCTTCCGTCCTG
 GCCAGAAACCGATGAGAACTTTGGATCCTGTTGGTTACTACTATTAGATGGCTCCTCAAGATTGT
 GCCTGGTCAGCCCGGTGCCAGCCGGGGTGGGCCCTTCCCACCTCCTGGCATCCCCGGCCAGCCC
 TTGCCTTCTCAAACCTCGGCTTACCTAGGAGGTGGTGGAACTCAAATGCCAACGTTATGTGCGCTTAC
 AGTTGGTGGAGAGGACCGAGAAGGATCTGGGCACCCACTGCCTGAGATTGCTGATGAATTACGACGGAA
 ACTGCAGCAGCGCCAGCCGCTGCCTGACTCCAACCCAGAGGAGTCTTCAAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106902
Insert Size: 2505 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_001106902.1</u> , <u>NP_001100372.1</u>
RefSeq Size:	4189 bp
RefSeq ORF:	2505 bp
Locus ID:	301346
Cytogenetics:	9q21