

Product datasheet for **RN214586**

Sema3e (NM_001106579) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sema3e (NM_001106579) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sema3e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214586 representing NM_001106579
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACCGACCGACACATCCTCACCTTGCTGCTCTGGGGTCACCTGCTGGAGCTCTGGACCCAGGTT
 AACTGCGAACCCCTCCTATCCCAGGCTACGACTGTCTATAAAGAAGCTTTGGAAGTGAACAGGACGTC
 AATATTTCAAAGCCCCTTTGGTTTTCTTGATCTCCACACAATGCTGCTGGATGAGTATCAAGAACGGCTC
 TTTGTGGGAGGCAGAGACCTTGCTATTCCCTGAACTTGAACGCGTCAGTGATGGCTACAGAGAGATAT
 ACTGGCCTAGCACAGCAGTAAAAGTAGAAGAATGCATAATGAAAGGAAAAGACGCAAAATGAGTGTGCCAA
 TTATGTCCGGTTTTGCATCACTACAACAGGACACACCTTCTGACCTGTGCTACGGGAGCCTTTGATCCA
 CACTGTGCCTTTATCCGAGTCGGGCACCATTACAGAGGACCCCTGTTTCACCTGGAGTCACACAGATCTG
 AGAGAGGAAGGGCAGATGTCTTTGACCCCAACTCCTCTTTGTGTCCACACTAGTTGGTAAATGAACT
 GTTTGTGGGCTCTACAGTGACTACTGGGGCCGAGACTCAGCGATCTTCCGACGCTGGGGAAGCTCGGC
 CATATCCGCACCGAGCATGACGATGAGCGGCTGCTGAAAGAACCAAAATTTGTAGGTTTATATATGATTC
 CTGATAACGAAGACCCAGAGGACAACAAAATGTACTTCTTCTCACTGAGAAGGCATTGGAGGCAGAGAA
 CAATGCCACACGATCTACACCCGAGTGGGGCGGCTGTGCGTGAATGACATGGGAGGACAGAGAATCCTG
 GTGAATAAGTGGAGCACATTCCTCAAAGCACGGCTGGTTTGTCTCAGTACCAGGGATGAATGGAATTGACA
 CACACTTTGACGAATTAGAGGATGTGTTTTACTGCCTACCCGAGATCCCAAGAATCCAGTGATATTTGG
 GAAGCCTTTAATGGCCCATATGCACATAAAGAAGGCCCTGAATATCACTGGTCACTGTATGAAGGAAAGG
 TCCCTACCCAAGGCCTGGTTCTGTGCCAGCAAAGTGAATGGAGGAAAGTACGGATCCACCAAAAGACTA
 CCCTGACGACGCCATCCGATTCGCAAGGATGCATCCACTAATGTATCAGCCCATAAAACCTGTCCATAAA
 AAACCAATACTGGTAAAACGGATGAAAATATAACCTGAGGCAACTAGCAGTGGACCGAGTGGAAAGCGG
 AGGATGGCCAGTATGACGTTTTATTTATTTGGAACAGACACAGGAATCGTGCTGAAAGTAATCACAAATTA
 CAACCAAGAAACAGAGTGGATGGAGGAAGTCACTTGGAGGAACCTCAAATATTCAGGATCCAGCCCT
 ATCATTCTATGGAGATTTCTCAAAGAGGCAACAGCTCTATATTGGGTCAGCCTCTGCTGTGCCACAAG
 TCAGATCCATCACTGTGACATGTACGGCAGCGCTGTGCTGACTGCTGCCTGGCTCGAGACCCCTACTG
 TGCTGGGATGGTATCTCTGCTCCAGTACTACCCGACAGGTGCACACTCAAAGAGGAGATCCGCAGG
 CAGGATGTTCCGCACGGCAACGCCGCCAGCAGTGCTTTGGGCAGCAATTTGTGGGAGACGCTTTGGATA
 GGACTGAAGAGAGGCTGGCTTATGGCATAGAGAGCAACAGTACTTTGCTGGAATGCACCCACGATCACT
 ACAAGCAAAAAGTTGTCTGGTTTTGTACAGAAGGGACGCGAGTAAGAAAAGGAAGAGGTAAGACGGATGAC
 AGAGTTGTTAAGATGGACTTGGGCTTGCTTCTCCTCAGAGTCCGCAAGTCGGATGCAGGGACCTACTTTT
 GCCAAACGGTAGAACATAGCTTCGTCCACACTGTGCGCAAAATCACCTTGGAGGTGGTCGAAGAGCATAA
 AGTGGAGGGGATGTTTCATAAAGACCGCAAGAGGAAAAACATCACAAAGATGCCCTGCCCTCCCTAACT
 GGTATGTCTCAGGGGACAAAACCTGGTACAAGGAATCTTGCAGCTGATTGGCTACAGCAACTCCAGA
 GAGTGAAGAATACTGCGAAAAGGTGTGGTGTACAGATAAGAAGAGGAAAAAGCTGAAAAATGTCTCCCTC
 CAAGTGAAGTATGCCAACCCAGGAAAAGAGGCTTCGCTCCAAGCTGAGCATTTCGGCTGCCAGG
 CACACGCTGGTCTCT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII
ACCN: NM_001106579
Insert Size: 2328 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_001106579.1</u> , <u>NP_001100049.1</u>
RefSeq Size:	4476 bp
RefSeq ORF:	2328 bp
Locus ID:	296789
Cytogenetics:	4q12