

Product datasheet for **RC231344A1V**

Human SEMA4A (NM_001193302) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SEMA4A (NM_001193302) AAV Particle
Tag:	Myc-DDK
Symbol:	SEMA4A
Synonyms:	CORD10; RP35; SEMAB; SEMB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC231344 representing NM_001193302
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGATACCGTGGCCAGCCAGTGACAGAAAAAGAGTGAATGTGCCTTTAAGAAGAAGAGCAATGAGGAAC
TTCAAGATTCTACCTGTTGCCATCTCGGAGGACAAGGTCATGGAGGAAAAGGCCAAAGCCCCCTTGA
CCCCGCTCACAAGCATACGGCTGTCTTGGTGGATGGGATGCTCTATTCTGGTACTATGAACAACCTCCTG
GGCAGTGAGCCCATCCTGATGCGCAGCTGGGATCCCAGCCTGCTCTCAAGACCGACAACCTCCTCCGCT
GGCTGCATCATGACGCTCCTTTGTGGCAGCCATCCCTTCGACCCAGGTCGTCTACTTCTTCTCGAGGA
GACAGCCAGCGAGTTTGACTTCTTTGAGAGGCTCCACACATCGCGGTGGCTAGAGTCTGCAAGAATGAC
GTGGGCGGCGAAAAGCTGCTGCAGAAGAAGTGACACCTTCTGAAGGCCAGCTGCTGCAACCCAGC
CGGGGCGAGTGCCTTCAACGTATCCGCCACGCGGTCTGCTCCCGCCGATTCTCCACAGCTCCCCA
CATCTACGAGTCTTACCTCCAGTGGCAGGTTGGCGGGACAGGAGCTCTGCGGTTTGTGCCTTCTCT
CTCTTGGACATTGAACGTGTCTTTAAGGGGAAATACAAAGAGTTGAACAAAGAACTTACGCTGGACTA
CTTATAGGGGCCCTGAGACCAACCCCCGGCCAGGCAAGTGTCTAGTGGGCCCCCTCTCTGATAAGGCCCT
GACCTTCATGAAGGACCATTTCTGATGGATGAGCAAGTGGTGGGACGCCCCCTGCTGGTGAAATCTGGC
GTGGAGTATACACGGCTTGCACTGGAGACAGCCAGGGCCTTGATGGGCACAGCCATCTTGTCATGTACC
TGGGAACCAACAGGGTCGCTCCACAAGGCTGTGGTAAGTGGGACAGCAGTGTCTATCTGGTGAAGA
GATTGAGCTGTTCCCTGACCTGAACCTGTTGCAACCTGCAGTGGCCCCACCCAGGGTGCAGTGTCT
GTAGGCTTCTCAGGAGGTGTCTGGAGGGTGGCCGAGCCAACTGTAGTGTCTATGAGAGCTGTGTGGACT
GTGCTCTTGGCCGGGACCCCACTGTGCTGGGACCTGAGTCCCGAACCTGTTGCCTCTGTCTGCCCC
CAACCTGAACCTCTGGAAGCAGGACATGGAGCGGGGGAACCCAGAGTGGGCATGTGCCAGTGGCCCCATG
AGCAGGAGCCTTCGGCTCAGAGCCGCCGCAATCATTAAGAAGTCTGGCTGTCCCTAACTCCATCC
TGGAGCTCCCCTGCCCCACCTGTGAGCCTTGCCCTCTTATTATTGGAGTATGGCCAGCAGCAGTCCC
AGAAGCCTCTTCCACTGTCTACAATGGCTCCCTCTTGCTGATAGTGCAGGATGGAGTTGGGGTCTCTAC
CAGTGTGGGCAACTGAGAATGGCTTTTCATACCCTGTGATCTCTACTGGGTGGACAGCCAGGACCAGA
CCCTGGCCCTGGATCTGAACCTGGCAGGATCCCCGGGAGCATGTGAAGTCCCGTTGACCAGGGTCA
TGGTGGGCGCCCTGGCTGCCAGCAGTCTACTGGCCCACTTTGTACTGTACTGTCTCTTTGCC
TTAGTGCTTTTCAAGAGCCCTCATCATCCTCGTGGCCTCCCCATTGAGAGCACTCCGGGCTCGGGCAAGG
TTCAGGCTGTGAGACCTGCGCCTGGGGAGAAGGCCCGTTAAGCAGAGAGCAACACCTCCAGTCTCC
CAAGGAATGCAGGACCTCTGCCAGTGTGTGGACGCTGACAACAACTGCCTAGGCACTGAGGTAGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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MIPWPASDRKKSECAFKKKSNEELQDSYLLPISEDKVMEGKGQSPFDPAHKHTAVLVDGMLYSGMTMNNFL
GSEPILMRTLGSQPVLKTDNFRWLHHDASFVAAIPSTQVYFFFEETASEFDFFERLHTRSARVARVCKND
VGGEKLLQKKWTFLLKAQLLCTQPGQLPFNVIRHAVLLPADSPTAPHIYAVFTSQWQVGGTRSSAVCAFS
LLDIERVFKGKYLKNETSRWTTYRGPETNPRPGSCSVGPSSDKALTFMKDHFLMDEQVVGTPLLVKSG
VEYTRLAVETAQGLDGHSHLVMYLGTGSLHKAVVSGDSSAHLVEEIQLPDPEPVRNLQLAPTQGA
VFGSGGVWRVPRANCSEVYSCVDCVLARDPHCAWDPESTRCLLSAPNLNSWKQDMERGNPEWACASGPM
SRSLRPQSRPQIIKEVLAVPNSILELPCPHLSALASYWSHGPAAPVEASTVYNGSLLLIVQDVGGLY
QCWATENGFSYPVISYWVDSQDQTLALDPELAGIPREHVKVPLTRVSGGAALAAQSYWPHFVTVTVLFA
LVLSGALLIILVASPLRALRARGKVQGCETLRPGEKAPLSREQHLQSPKECRTSASDVEDADNNCLGTEVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001193302
ORF Size:	1887 bp
Buffer:	PBS with 0.001% Pluronic F9935
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001193302.1</u> , <u>NP_001180231.1</u>
RefSeq ORF:	1890 bp
Locus ID:	64218
UniProt ID:	<u>Q9H3S1</u>
Cytogenetics:	1q22
MW:	69.6 kDa