

Product datasheet for **RC213681A1V**

Human Semaphorin 3A (SEMA3A) (NM_006080) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Semaphorin 3A (SEMA3A) (NM_006080) AAV Particle
Tag:	Myc-DDK
Symbol:	SEMA3A
Synonyms:	coll-1; COLL1; HH16; Hsema-I; Hsema-III; SEMA1; SEMAD; SEMAIII; SEMAL; SemD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213681 representing NM_006080
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCTGGTTAACTAGGATTGTCTGTCTTTCTGGGAGTATTACTTACAGCAAGAGCAAACATATCAGA
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 GAAGCACTTACAAGAAAATAAGAAAGGTAGAAACAGGAGGACCCACGAATTTGAGAGGGCACCCAGGAGT
 GTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213681 representing NM_006080 Red=Cloning site Green=Tags(s) MGWLTRIVCLFWGVLLTARANYQNGKNNVPRKLKSYKEMLESNNVITFNGLANSSSYHTFLLDEERSRLY VGAKDHIFSFDLVNIKDFQKIVWPVSYTRRDECKWAGKDILKECANFIKVLKAYNQTHLYACGTGAFHPI CTYIEIGHHPEDNIFKLENSHFENGGRGKSPYDPKLLTASLLIDGELYSGTAADFMRDFAIFRTLGHHP IRTEQHDSRWLNDPKFISAHLISESDNPEDDKVYFFFRENAIDGEHSGKATHARIGQICKNDFGGHRSV NKWTTFLKARLICSVPGPNGIDTHFDELQDVFLMNFKDPKNPVVYGVFTTSSNIFKGSAVCMYSMSDVRR VFLGPYAHRDGPYQWVPYQGRVPYPRPGTCSKTFGGFDSTKDLRDDVITFARSHPAMYNPVPMMNRP IVIKTDVNYQFTQIVVDRVDAEDGQYDVMFIGTDVGTVLKVVSIKPKETWYDLEEVLLLEMTVFREPTAIS AMELSTKQQQLYIGSTAGVAQLPLHRCDIYGKACAECLARDPYCAWDGSACSRYPYPTAKRRTRRQDIRN GDPLTHCSDLHHDNHHGHSPEERIIYGVENSSTFLECSKPSQRALVYVQFQRRNEERKEEIRVDDHIIRT DQGLLLRSLQKDSGNLYCHAVEHGFIQTLLKVTLEVIDTEHLEELLHKDDDDGSGSKTKEMSNSMTPSQK VWYRDFMQLINHPNLNTMDFCEQVWKRDRKQRRQRPGHTPGNSNKWKHLQENKKGRNRRTHEFERAPRS V TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006080
ORF Size:	2313 bp
Buffer:	PBS with 0.001% Pluronic F7098
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:	NM_006080.1 , NP_006071.1
RefSeq Size:	2530 bp
RefSeq ORF:	2316 bp
Locus ID:	10371
UniProt ID:	Q14563
Cytogenetics:	7q21.11
MW:	88.89 kDa