

Product datasheet for **RC205269A1V**

Human Semaphorin 3c (SEMA3C) (NM_006379) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Semaphorin 3c (SEMA3C) (NM_006379) AAV Particle
Tag:	Myc-DDK
Symbol:	SEMA3C
Synonyms:	SEMAE; SemE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205269 representing NM_006379
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCATTCCGGACAATTTGCGTGTGGTTGGAGTATTTATTTGTTCTATCTGTGTGAAAGGATCTTCCC
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 TTCCCACCATCCTTTAGACTACAGGATTTATTAATGGATGAAGATCAGGACCGGATATATGTGGGAAGC
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 CTACAATCAAAGTTGAAGAATGCAAAATGGCTGGCAAAGATCCACACACGGCTGTGGGAACCTTTGTCCG
 TGTAATTCAGACTTTCAATCGCACACATTTGTATGTCTGTGGGAGTGGCGCTTTCAGTCTGTCTGTACT
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 TAGCCAAGATCAACTTCAAAGTTTATGATTGAGAAATGGTGGCTGTTGTGACGGACAAATGGTCCCCGTG
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 GAAATGCAGATGATTAACCAATACTGCAAAGACACTCGGCAGCAACATCAGCAGGGAGATGAATCACAGA
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 GTTGCCAGAGTCA

ACCGGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205269 representing NM_006379 Red=Cloning site Green=Tags(s) MAFRTICVLVGVFICSICVKGSSQPQARVYLTFDELRETKTSEYFSLSHHPLDYRILLMDEDQDRIYVGS KDHILSLNINNISQEALSVFWPASTIKVEECKMAGKDPHTGCGNFVRVIQTFNRTHLYVCGSGAFSPVCT YLNRGRRSEDQVFMIDSKCESGKGRCSFNPVNTVSMINEELFSGMYIDFMGTDAAIIFRSLTKRNAVRT DQHNSKWLSEPMFVDAHVIPDGTDPNDKVVYFFKEKLTNNRSTKQIHSMIARICPNDTGGLRSLVNW TTFLKARLVCSVTDEGDPETHFDELEDVFLLETDNPRRTLVIYGIFFTSSSVFKGSVAVCVYHLSDIQTVFN GPFAHKEGPNHQLISYQGRIPYPRPGTCPGGAFTPNMRTTKEFPDDVVTFIRNHPLMYNSIYPIHKRPLI VRIGTDYKYTKIAVDRVNAADGRYHVLFLGTDRTVQKVVLPTNNSVSGELILEELEVKFNHAPITTMK ISSKKQQLYVSSNEGVSQVSLHRCHIYGTACADCCLARDPYCAWDGHSCSRFYPTGKRRSRRQDVRHGNP LTQCRGFNLKAYRNAEIVQYGVKNNTTFLECAPKSPQASIKWLLQKDKDRRKEVKLNERIIATSQGLLI RSVQGSQDGLYHCIATENSFKQTIKINFKVLDSEMVAVVTDKWSPWTWASSVRALPFHPKDIMGAFSHS EMQMINQYCKDTRQHQHQQGDESQKMRGDYGLKALINSRKSRRNRNQLPES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006379
ORF Size:	2253 bp
Buffer:	PBS with 0.001% Pluronic F5673
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_006379.2</u>
RefSeq Size:	5189 bp
RefSeq ORF:	2256 bp
Locus ID:	10512
UniProt ID:	<u>Q99985</u>
Cytogenetics:	7q21.11
MW:	85 kDa