

Product datasheet for **RC216032A1V**

Human Semaphorin 3D (SEMA3D) (NM_152754) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Semaphorin 3D (SEMA3D) (NM_152754) AAV Particle
Tag:	Myc-DDK
Symbol:	SEMA3D
Synonyms:	coll-2; Sema-Z2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216032 representing NM_152754
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGCTAATAAAGATGAAAGACTTAAAGCCAGAAGCAAGATTTTACCTTTTCTGCTTTGATGA
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 AGCAGCAACAATTGTACATTGGTTCCCGAGATGGATTGGTTGAGTCTCCTTGCACAGATGCGACACTTA
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 AAGGTCAAGGATCTATTGGCTGAGTACGGTTGAGATACAAAGACTACATCCAAATCCTTAGCAGCCCAA
 ACTTCAGCCTCGACCACTACTGCGAACAGATGTGGCACAGGGAGAAGCGGAGACAGAGAAACAAGGGGGG
 CCCAAAGTGAAGCACATGCAGGAAATGAAGAAGAAACGAAATCGAAGACATCACAGAGACCTGGATGAG
 CTCCTAGAGCTGTAGCCACG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216032 representing NM_152754 Red=Cloning site Green=Tags(s) MNANKDERLKARSQDFHLFPALMML SMTMLFLPVTGTLKQNIPLRLKLT YKDLLLSNSCIPFLGSSEGLDF QTLLLEERGRLLL GAKDHI FLLSLVDLNKNFKKIYWPAAKERVLC LAGKDANTECANFIRVLQPYNK THIYVCGTGAFHPICGYIDLGVYKEDIIFKLDTHNLESGR LKCPFDPPQPFASVMTDEYLYSGTASDFLG KDTAFTRSLGPTHDDHYIRTDISEHYWLN GAKFIGTFFIPDTYNPDDDKIYFFRESSQEGSTSDKTILS RVGRVCKNDVGGQRSLINKWTTFLKARLICSIPGSDGADTYFDELQDIYLLPTRDERNPVYGVFTTTSS IFKGSAVCVYSMADIRAVFNGPYAHKESADHRWVQYDGRIPYPRPGT CPSKTYDPLIKSTRDFPDDVISF IKRHSVMYKSVYPVAGGPTFKRINVDYRLTQIVVDHVIAEDGQYDVMFLGTDIGTVLKVVSISKEKWNME EVLLEELQIFKHSSII LNMELSLKQQQLYIGSRDGLVQLSLHRCDTY GKACADCCCLARDPYCAWDGNACS RYAPTSKRARRQDVKYGPITQCWDIEDSISHETADEKVI FGIENSTFLECIPKSQQATIKWYIQRSG DEHREELKPDERIIKTEYGLLIRSLQKKDSGMYCKAQEHTFIHTIVKLT LNVIENEQMENTQRAEHEEG KVKDLLAESRLRYKDYIQILSSPNFSLDQYCEQMWHREKRRQRNKG GPKWKHMQEMKKRNRRHHRDLDE LPRAVAT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152754
ORF Size:	2331 bp
Buffer:	PBS with 0.001% Pluronic F7478
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_152754.2 , NP_689967.2
RefSeq Size:	6276 bp
RefSeq ORF:	2334 bp
Locus ID:	223117
UniProt ID:	O95025
Cytogenetics:	7q21.11
MW:	89.5 kDa