

Product datasheet for **RC216038A1V**

Human Semaphorin 3E (SEMA3E) (NM_012431) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Semaphorin 3E (SEMA3E) (NM_012431) AAV Particle
Tag:	Myc-DDK
Symbol:	SEMA3E
Synonyms:	coll-5; M-SEMAH; M-SemaK; SEMAH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216038 representing NM_012431
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCCGCGGGGCACATTATCACCTTGCTCCTGTGGGGTTACTTACTGGAGCTTTGGACAGGAGGTC
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 GCCAGACAGTAGAGCATAGCTTTGTCCATACGGTCCGTAATAATCACCTTGGAGGTAGTGGAAGAGGAGAA
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 AGCATCTCGCAGGGAGCAAAACCATGGTACAAGGAATTCTTGACGCTGATCGGTTATAGCAACTTCCAGA
 GAGTGGAAGAATACTGCGAGAAAGTATGGTGCACAGATAGAAAGAGGAAAAAGCTTAAATGTCAACCCTC
 CAAGTGGAAGTATGCCAACCTCAGGAAAAGAAGCTCCGTTCCAAACCTGAGCATTACCGCTGCCCAGG
 CACACGCTGGACTCC

AC**CGGCCGC**TCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216038 representing NM_012431 Red=Cloning site Green=Tags(s) MASAGHIITLLLWGYLLELWTGGHTADTTTHPRLRLSHKELLNLNRTSIFHSPFGFLDLHTMLLDEYQERL FVGGRDLVYSLSLERISDGYKEIHW PSTALKMEECIMKGKDAGECANYVRVLHHYNRTHLLTCGTGAFDP VCAFIIRVGYHLEDPLFHLES PRSERGRGRCPDPSSSFISTLIGSELFAGLYSDYWSRDAAIFRSMGRLA HIRTEHDDERLLKEPKFVGSYMI PDNEDRDDNKVYFFTEKALEAENNAHAIYTRVGRLCVNDVGGQRIL VKNKSTFLKARLVCSVPGMNGIDTYFDELEDVFLLPTRDHKNPVIFGLFNTTSNIFRGHAICVYHMSSIR AAFNGPYAHKEGPEYHWSVYEGKVPYPRPGSCASKVNGGRYGT KDYPDDAIRFARSHPLMYQAIPAHK KPILVKTDGKYNLKQIAVDRVEAEDGQYDVLFIGTDNGIVLKVITIYNQEMESMEEVILEELQIFKDPVP IISMEISSKRQQLYIGSASAVAQVRFHCDMYGSACADCLARDPYCAWDGISC SRYPTGT HAKRRFR QDVRHGNAAQCFGQQFVG DALDKTEEHLAYGIENNSTLLECTPRSLQAKVIWFVQGRETRKEEVKTDD RVVKMDLGLLFLRLHKSDAGTYFCQTVESFVHTVRKITLEVVEEEKVEDMFNKDDEDRHHRMPCPAQS SISQGAKPWYKEFLQLIGYSNFQRVEEYCEKVWCTDRKRKKLKMSPSKWKYANPQEKKLRSKPEHYRLPR HTLDS TRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012431
ORF Size:	2325 bp
Buffer:	PBS with 0.001% Pluronic F7482
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_012431.1
RefSeq Size:	6474 bp
RefSeq ORF:	2328 bp
Locus ID:	9723
UniProt ID:	O15041
Cytogenetics:	7q21.11
MW:	89 kDa