

Product datasheet for **RC206375A1V**

Human Plexin A4 (PLXNA4) (NM_181775) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Plexin A4 (PLXNA4) (NM_181775) AAV Particle
Tag:	Myc-DDK
Symbol:	Plexin A4
Synonyms:	FAYV2820; PLEXA4; PLXNA4A; PLXNA4B; PRO34003
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206375 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAAGCCATGCCCTGGAAGTGGACCTGCCTTCTCTCCACCTCCTCATGGTGGGCATGGGCTCCTCCA
 CTTTGCTCACCCGGCAGCCAGCCCGCTGTCCAGAAGCAGCGTCATTTGTACATTCGAGGAGAGCC
 CGCCGAGGGTTTCAATCACCTGGTGGTGGATGAGAGGACAGGACACATTTACTTGGGGCCGTCATCGG
 ATTTACAAGCTCTCCAGCGACCTGAAGGTCTTGGTGACGCATGAGACAGGGCCGACGAGGACAACCCCA
 AGTGTTACCCACCCCGCATCGTCCAGACCTGCAATGAGCCCTGACCACCACCAACAATGTCAACAAGAT
 GCTCCTCATAGACTACAAGGAGAACAGGCTGATTGCCTGTGGGAGCCTGTACCAAGGCATCTGCAAGCTG
 CTGAGGCTGGAGACCTTTCAAGCTGGGGAGCCTTATCATAAGAAGGAGCACTATCTGTCAGGTGTCA
 ACGAGAGCGGCTCAGTCTTTGGAGTGATCGTCTCCTACAGCAACCTGGATGACAAGCTGTTTCATTGCCAC
 GGCAGTGGATGGGAAGCCGAGTATTTCCACCATCTCCAGCCGGAAGTACCAAGAAGTCTGAGGCG
 GATGGCATGTTTCGCTACGTCTTCCATGATGAGTTCGTGGCCTCGATGATTAAGATCCCTTCGGACACCT
 TCACCATCATCCCTGACTTTGATATCTACTATGTCTATGGTTTTAGCAGTGGCAACTTTGTCTACTTTTT
 GACCCTCCAACCTGAGATGGTGTCTCCACCAGGCTCCACCACCAAGGAGCAGGTGTATACATCCAAGCTC
 GTGAGGCTTTGCAAGGAGGACACAGCCTTCAACTCCTATGTAGAGGTGCCATTGGCTGTGAGCGCAGTG
 GGGTGGAGTACCGCTGCTGCAGGCTGCCTACCTGTCCAAAGCGGGGGCCGTGCTTGGCAGGACCTTGG
 AGTCCATCCAGATGATGACCTGCTCTTACCCTCTTCTCAAGGGCCAGAAGCGGAAATGAAATCCCTG
 GATGAGTCGGCCCTGTGCATCTTCACTTGAAGCAGATAAATGACCGCATTAAAGGAGCGGCTGCAGTCTT
 GTTACCGGGGCGAGGGCAGCTGGACCTGGCCTGGCTCAAGGTGAAGGACATCCCTGCAGCAGTGCCT
 CTTAACCATTTGACGATAAATCTCTGTGGCCTGGACATGAATGCTCCCTGGGAGTGTCCGACATGGTGCCT
 GGAATTCCTGTTTACGGAGGACAGGGACCGCATGACGTCTGTGTCATCGCATATGTCTACAAGAACCACT
 CTCTGGCCTTTGTGGCACCAAAAGTGGCAAGCTGAAGAAGTCTTTCGGCACAGGTCCACAAGCGGAAT
 CACCCAGGAGTGGATTGGAGTGGCGGGAGACCCACCTGGGGCGAATTTGCTTCTCAGGAACAGATGCTG
 TGTGTGTATCTCAGTGCTCAAGTCACAAAGCAATATCAGATCAGAGAGTCCAGCCTCTGCTTTGTGTCT
 TCCTAAATGTACCTGGGAATTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206375 protein sequence
 Red=Cloning site Green=Tags(s)

MKAMPWNWTCLLSHLLMVGMSSTLLTRQPAPLSQKQRSFVTRFGEPAEGFNHLVVDERTGHIYLGAVNR
 IYKLSSDLKVLVTHETGPDEDNPKCYPPRIVQTCNEPLTTNNVNKMLLDYKENRLIACGSLYQGICKL
 LRLEDLFKLGEPIYHKEHYLSGVNESGSVFGVIVSYNLDKLFIAVDGKPEYFPTISSRKLTKNSEA
 DGMFAYVFHDEFVAMIKIPSDFTTIIIPDFDIYYVYGFSSGNFYFLTLQPEMVSPPGSTTKEQVYTSKL
 VRLCKEDTAFNSYVEVPIGCERSGVEYRLLQAAYLSKAGAVLGRTLGVHPDDDLLFTVFSKGQKRKMKSL
 DESALCIFILKQINDRIKERLQSCYRGEGTLDLAWLKVKDIPCSSALLTIDDNFCGLDMNAPLGVSDMVR
 GIPVFTEDRDRMTSVIAYVYKNHSLAFVGTSKGLKKSFGTGPQGGITQEWIGVAGDPPGANIASQEQML
 CVYLCSSHKAISDQRVQPLCCFLNVPGNSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_181775

ORF Size:

1566 bp

Buffer:	PBS with 0.001% Pluronic F68
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_181775.2, NP_861440.1</u>
RefSeq Size:	2020 bp
RefSeq ORF:	1569 bp
Locus ID:	91584
UniProt ID:	<u>Q9HCM2</u>
Cytogenetics:	7q32.3
MW:	58.1 kDa