

## Product datasheet for **RC225843A1V**

### Human Plexin A4 (PLXNA4) (NM\_001105543) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Plexin A4 (PLXNA4) (NM_001105543) 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:**

>RC225843 representing NM\_001105543  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAAGCCATGCCCTGGAAGTGGACCTGCCTTCTCTCCACCTCCTCATGGTGGGCATGGGCTCCTCCA  
 CTTTGCTCACCGGCAGCCAGCCCCGCTGTCCAGAAGCAGCGGTCATTTGTACATTCCGAGGAGAGCC  
 CGCCGAGGGTTTCAATCACCTGGTGGTGGATGAGAGGACAGGACACATTTACTTGGGGCCGTCATCGG  
 ATTTACAAGCTCTCCAGCGACCTGAAGGTCTTGGTGACGCATGAGACAGGGCCGACGAGGACAACCCCA  
 AGTGTACCACCCCGCATCGTCCAGACCTGCAATGAGCCCTGACCACCACCAACAATGTCAACAAGAT  
 GCTCCTCATAGACTACAAGGAGAACAGGCTGATTGCCTGTGGGAGCCTGTACCAAGGCATCTGCAAGCTG  
 CTGAGGCTGGAGACCTTTCAAGCTGGGGAGCCTTATCATAAGAAGGAGCACTATCTGTCAGGTGTCA  
 ACGAGAGCGGCTCAGTCTTTGGAGTGATCGTCTCCTACAGCAACCTGGATGACAAGCTGTTCAATGCCAC  
 GGCAGTGGATGGGAAGCCGAGTATTTCCACCATCTCCAGCCGAAACTGACCAAGAAGCTCTGAGGCG  
 GATGGCATGTTTCGCTACGTCTCCATGATGAGTTCGTGGCCTCGATGATTAAGATCCCTTCGGACACCT  
 TCACCATCATCCCTGACTTTGATATCTACTATGTCTATGGTTTTAGCAGTGGCAACTTTGTCTACTTTTT  
 GACCCTCCAACCTGAGATGGTGTCTCCACCAGGCTCCACCACCAAGGAGCAGGTGATACATCCAAGCTC  
 GTGAGGCTTTGCAAGGAGGACACAGCCTTCAACTCCTATGTAGAGGTGCCATTGGCTGTGAGCGCAGTG  
 GGGTGGAGTACCGCTGCTGCAGGCTGCCTACCTGTCCAAAGCGGGGGCCGTGCTTGGCAGGACCCTTGG  
 AGTCCATCCAGATGATGACCTGCTCTTACCCTTCTTCCAAAGGCCAGAAGCGGAAAATGAAATCCCTG  
 GATGAGTCGGCCCTGTGCATCTTTCATCTTGAAGCAGATAAATGACCGCATTAAAGGAGCGGCTGCAGTCTT  
 GTTACCGGGCGAGGGCAGCTGGACCTGGCTCAAGGTGAAGGACATCCCCTGCAGCAGTGCCT  
 CTTAACCATTTGACGATAAAGTCTGTGGCCTGGACATGAATGCTCCCTGGGAGTGTCCGACATGGTGCCT  
 GGAATTCCTGCTTACGGAGGACAGGACCGCATGACGTCTGTTCATCGCATATGTCTACAAGAACCCT  
 CTCTGGCCTTTGTGGCACAAAAGTGGCAAGCTGAAGAAGATGCCTGGTACCAGCCTCTGCCCTACCCT  
 TGAGCTACAGACGGGACCCCGATCCACAGAGCAACAGTGACTCTGGAACCTCTGTTCTCCAGCTGTTCA  
 TCAAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225843 representing NM\_001105543  
 Red=Cloning site Green=Tags(s)

MKAMPWNWTCLLSHLLMVGMGSSSTLLTRQPAPLSQKQRSFVTFRGEPAEGFNHLVVDERTGHIYLGAVNR  
 IYKLSSDLKVLVTHETGPDEDNPKCYPPRIVQTCNEPLTTTNNVNKMLLIDYKENRLIACGSLYQGICKL  
 LRLEDLFLKLGEPYHKKEHYLSGVNESGSVFGVIVSYSNLDDKLFIAATVDGKPEYFPTISSRKLTKNSEA  
 DGMFAYVFHDEFVAMIKIPSDFTTIIIPDFDIYVYGFSSGNFVYFLTLQPEMVSPPGSTTKEQVYTSKL  
 VRLCKEDTAFNSYVEVPICERSGVYRLLQAAYLSKAGAVLGRTLGVHPDDDLLFTVFSKQKRMKSL  
 DESALCIFILKQINDRIKERLQSCYRGETLDLAWLKVKDIPCSSALLTIDDNFCGLDMNAPLGVSDMVR  
 GIPVFTEDRDRMTSVIAYVYKNHSLAFVGTKSGKLLKMPGTSLELQTPRSHRATVTELELFFSSCS  
 SN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001105543

**ORF Size:**

1476 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001105543.1</a></u>
<b>RefSeq ORF:</b>	1479 bp
<b>Locus ID:</b>	91584
<b>UniProt ID:</b>	<u><a href="#">Q9HCM2</a></u>
<b>Cytogenetics:</b>	7q32.3
<b>MW:</b>	54.9 kDa