

Product datasheet for **RC600043A1V**

Human Eph receptor A6 (EPHA6) (NM_001080448) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Eph receptor A6
Synonyms:	EHK-2; EHK2; EK12; EPA6; HEK12; PRO57066
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC600043 representing leader sequence plus the extracellular domain region of NM_001080448
 Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
 CGATCGCC

ATGCAATTCCTCGCTCCAGCCGCGAGGAGCTCCCGGCCGCGCAGGCAGCGTCTCTCCGAAGCAG
 CTGCACCTGCAACTGGGCAGCCTGGACCCTCGTGCCCTGTTCCCGGACCTCGCGCAGGGGGCGCCCCGG
 GACACCCCTGCGGGCCGGGTGGAGGAGGAAGAGGAGGAGGAGGAAGAAGACGTGGACAAGGACCCCAT
 CCTACCCAGAACACCTGCCTGCGCTGCCGCCACTTCTCTTTAAGGGAGAGGAAAAGAGAGCCTAGGAGAA
 CCATGGGGGGCTGCGAAGTCCGGGAATTTCTTTTGAATTTGGTTTCTTCTTGCCTCTGCTGACAGCGTG
 GCCAGGCGACTGCAGTCACGTCTCCAACAACCAAGTTGTGTTGCTTGATACAACAACGTACTGGGAGAG
 CTAGGATGAAAAACATATCCATTAAATGGGTGGGATGCCATCACTGAAATGGATGAACATAATAGCCCA
 TTCACACATACCAGGTATGTAATGTAATGGAACCAACCAAAACAACCTGGCTTCGTACAACTGGATCTC
 CCGTGATGCAGCTCAGAAAATTTATGTGGAATGAAATTCACACTAAGGGATTGTAACAGCATCCCATGG
 GTCTTGGGACTTGCAAAGAAACATTTAATCTGTTTTATATGGAATCAGATGAGTCCACGGAATTAAT
 TCAAGCCAAACAGTATACAAAGATCGACACAATTGCTGCTGATGAGAGTTTTACCCAGATGGATTTGGG
 TGATCGCATCTCAAACCAACACTGAAATTCGTGAGGTGGGGCTATAGAAAGGAAAGGATTTTATCTG
 GCTTTTCAAGACATTGGGGCGTGCAATGCCCTGGTTTCAGTCCGTGTTTCTACAAGAAATGCCCTTCA
 CTGTTTCGTAACCTGGCCATGTTTCTGATACCATTCGAAGGTTGATTCTCCTCTTTGTTGAAGTACG
 GGGTTCTTGTTGAAGAGTGCTGAAGAGCGTGACACTCCTAACTGTATTGTGGAGCTGATGGAGATTGG
 CTGGTTCTCTTGAAGGTGCATCTGCAGTACAGGATATGAAGAAATGAGGGTTCTTGCCATGCTTGCA
 GACCAGGATTCTATAAGCTTTTGTGGAACACAAAATGTTCTAAATGCTCTCCACACAGTTTAACATA
 CATGGAAGCAACTTCTGTCTGTGAGTGTGAAAAGGGTTATTTCCGAGCTGAAAAGACCCACCTTCTATG
 GCATGTACCAGGCCACCTTCAGCTCCTAGGAATGTGGTTTTAACATCAATGAAACAGCCCTTATTTTGG
 AATGGAGCCCAAGTGACACAGGAGGGAGAAAAGATCTCACATACAGTGTAATCTGTAAGAAATGTGG
 CTTAGACACCAGCAGTGTGAGGACTGTGGTGGAGGACTCCGCTTCATCCCAAGACATACAGGCTGATC
 AACAAATCCGTGATAGTACTTGACTTTGTGTCTCACGTGAATTACACCTTTGAAATAGAAGCAATGAATG
 GAGTTTCTGAGTTGAGTTTTTCTCCAAGCCATTCACAGCTATTACAGTGACCAGGATCAAGATGCACC
 TTCCCTGATAGGTGTGTAAGGAAGGACTGGGCATCC

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
 TGGTACCGATATCAAGCTTGTGCACTCTAGA

Protein Sequence: >RC600043 representing signal peptide plus the extracellular domain region of NM_001080448
 Red=Cloning sites Green= DDK and 6XHis Tags

MQFPSPPAARSSPAPQAASSSEAAAPATGQPGPSCPVPPTSGRRGRPTTPAGRVEEEEEEEEDVDKDPH
 PTQNTCLRCRHFSLRERKREPRRTMGGEVREFLLQFGFLPLLTAWPGDCSHVSNNQVLLDTTTTVLGE
 LGWKTYPLNGWDAITEMDEHNRPIHTYQVCNMEPNQNNWLRTNWI SRDAAQKIYVEMKFTLRDCNSIPW
 VLGTKETFNLFYMEDESHGKFKPNQYTKIDTIAADESFTQMDLGDRILKLNTEIREVGP IERKGFYL
 AFQDIGACIALVSVRVFYKKCPFTVRNLAMFPDTIPRVDSSSLVEVRGSCVKS AEERDTPKLYCGADGDW
 LVPLGRCICSTGYEEIEGSCHACRPGFYKAFAGNTKCSKCPHSLTYMEATSVCQCEKGYFRAEKDPPSM
 ACTRPPSAPRNVFNINETALILEWSPPSDTGGRKDLTYSVICKKGLDTSQCEDCGGLRFIPRHTGLI
 NNSVIIVLDFVSHVNYTFEIEAMNGVSELSFSPKPFTAITVTTDQDAPSLIGVVRKDWAS

TRSGTRSGDYKDDDDKGSHHHHH

Species: Human

Serotype: AAV-2

ACCN: NM_001080448

ORF Size: 1647 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_001080448.2</u> , <u>NP_001073917.2</u>
RefSeq Size:	3677 bp
RefSeq ORF:	3393 bp
Locus ID:	285220
Cytogenetics:	3q11.2
MW:	61.1 kDa