

Product datasheet for **RC600045A1V**

Human EPHA8 (NM_020526) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EPHA8 (NM_020526) AAV Particle
Tag:	Myc-DDK
Symbol:	EPHA8
Synonyms:	EEK; EK3; HEK3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600045 representing leader sequence plus the extracellular domain region of NM_020526

Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGCCCCCGCCCGGGCGCCCTGCCCCCTGCGCTCTGGGTCGTACGGCCGCGGCGGCGGGCCACCT
GCGTGTCCGCGCGCGCGGCGAAGTGAATTTGCTGGACACGTCGACCATCCACGGGGAAGTGGGCTGGCT
CACGTATCCGGCTCATGGGTGGGACTCCATCAACGAGGTGGACGAGTCTTCCAGCCCATCCACAGTAC
CAGGTTTGCAACGTCATGAGCCCCAACAGAACAACTGGCTGCGCAGAGCTGGGTCCCCGAGACGGCG
CCCGCGCGCTCTATGCTGAGATCAAGTTTACCCTGCGGACTGCAACAGCATGCCTGGTGTGCTGGGCAC
CTGCAAGGAGACCTTCAACCTCTACTACCTGGAGTGGACCGCGACCTGGGGGCCAGCACACAAGAAAGC
CAGTTCCTCAAAATCGACACCATTCGCGCCGACGAGAGCTTACAGGTGCCGACCTTGGTGTGCGGCGTC
TCAAGCTCAACACGGAGGTGCGCAGTGTGGTCCCCTCAGCAAGCGCGGCTTCTACCTGGCCTTCCAGGA
CATAGGTGCCTGCCTGGCCATCCTCTCTCTCCGCATCTACTATAAGAAGTGCCCTGCCATGGTGCCTCAAT
CTGGCTGCCTTCTCGGAGGCAGTGACGGGGGCCGACTCGTCTCACTGGTGGAGGTGAGGGGCCAGTGCG
TGCGGCACTCAGAGGAGCGGGACACACCAAGATGACTGCAGCGCGGAGGGCGAGTGGCTCGTGCCCAT
CGGCAATGCGTGTGCACTGCCGGTACGAGGAGCGCGGGATGCCTGTGTGGCTGTGAGCTGGGCTTC
TACAAGTCAGCCCCTGGGGACAGCTGTGTGCCGCTGCCCTCCCCACAGCCACTCCGCAGCTCCAGCCG
CCCAAGCCTGCCACTGTGACCTCAGTACTACCGTGCAGCCCTGGACCGCGCTCCTCAGCCTGCACCCG
GCCACCCTCGGCACCACTGAACCTGATCTCCAGTGTGAATGGGACATCAGTGACTCTGGAGTGGGCCCT
CCCCTGGACCCAGGTGGCCGAGTGACATCACCTACAATGCCGTGTGCCCGCTGCCCTGGGCACTGA
GCCGCTGCGAGGCATGTGGGAGCGGCACCCGCTTTGTGCCCCAGCAGACAAGCCTGGTGCAGGCCAGCT
GCTGGTGGCCAACTGCTGGCCACATGAACCTCTCTCTGGATCGAGGCCGTCAATGGCGTGTCCGAC
CTGAGCCCCGAGCCCCGCGGGCGCTGTGGTCAACATCACCACGAACAGGCAGCCCCGTCCAGGTGG
TGGTGTCCGTCAAGAGCGGGCGGGGACAGACGCTCTCGTGTGTGGCAGGAGCCGAGCAGCCGAA
CGGCATCATCTGGAGTATGAGTCAAGTACTACGAGAAGGACAAGGAGATGCAGAGCTACTCCACCCTC
AAGGCCGTCAACACAGAGCCACCGTCTCCGGCTCAAGCCGGGACCCGCTACGTGTTCCAGGTCCGAG
CCCGCACCTCAGCAGGCTGTGGCGCTTCAGCCAGGCCATGGAGGTGGAGACCGGAAACCCGGCCCCG
CTATGACACCAGGACC

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGCACTCTAGA

Protein Sequence:

>RC600045 representing signal peptide plus the extracellular domain region of NM_020526

Red=Cloning sites Green= DDK and 6XHIS Tags

MAPARGRLPPALWVVTAAAAATCVSAARGEVNLLDTSTIHGDWGLTYPAHGWDSEINEVDESFPQIHTY
QVCNVMSPNQNNWLRTSWVPRDGARRVYAEIKFTLRDCNSMPGVLGTCKETFNLYLESRDLAGSTQES
QFLKIDTIAADESFTGADLGVRRLLKLNTEVRSVGPLSKRGFYLAQDQIGACLAILSLRIYYKKCPAMVRN
LAAFSEAVTGADSSSLVEVRGQCVRHSEERDTPKMYCSAEGEWLVPIGKCVCSAGYEERRDACVACELGF
YKSAPGDQLCARCPPHSHSAAPAAQACHCDLSYRAALDPPSSACTRPPSAPVNLISVNGTSVTLEWAP
PLDPGGRSDITYNAVCRRCPPWALSRCACGSGTRFVPQQTSLVQASLLVANLLAHMNSFWIEAVNGVSD
LSPEPRRAAVVNITNQAAPSQVVVIRQERAGQTSVLLWQEPEQPNGIILEYEIKYYEKDKEMQSYSTL
KAVTTRATVSGLKPGRYVVFQVRARTSAGCGRFSQAMEVETGKPRPRYDTRT

TRSGTRSGDYKDDDDKGSHHHHHH

Species:

Human

Serotype:

AAV-2

ACCN:	NM_020526
ORF Size:	1626 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_020526.3</u> , <u>NP_065387.1</u>
RefSeq Size:	4996 bp
RefSeq ORF:	3018 bp
Locus ID:	2046
UniProt ID:	<u>P29322</u>
Cytogenetics:	1p36.12
MW:	59.4 kDa