

Product datasheet for **RC600039A1V**

Human Eph receptor A3 (EPHA3) (NM_005233) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Eph receptor A3 (EPHA3) (NM_005233) AAV Particle
Tag:	Myc-DDK
Symbol:	Eph receptor A3
Synonyms:	EK4; ETK; ETK1; HEK; HEK4; TYRO4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600039 representing leader sequence plus the extracellular domain region of NM_005233

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

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGATTGTCAGCTCTCCATCCTCCTCTCTCAGCTGCTCTGTTCTCGACAGCTTCGGGGAAGTATTC
CGCAGCCTTCCAATGAAGTCAATCTACTGGATTCAAAAACAATTCAAGGGGAGCTGGGCTGGATCTCTTA
TCCATCACATGGGTGGGAAGAGATCAGTGGTGTGGATGAACATTACACACCCATCAGGACTTACCAGGTG
TGCAATGTCATGGACCACAGTCAAAAACAATTGGCTGAGAACAACTGGGTCCCCAGGAAGTACAGCTCAGA
AGATTTATGTGGAGCTCAAGTTCAGTCTACGAGACTGCAATAGCATTCCATTGGTTTTAGGAAGTTCGAA
GGAGACATTCAACCTGTACTACATGGAGTCTGATGATGATCATGGGTGAAATTCGAGAGCATCAGTTT
ACAAAGATTGACACATTGCAGCTGATGAAAGTTTCACTCAATGGATCTTGGGACCGTATTCTGAAGC
TCAACACTGAGATTAGAGAAGTAGGTCTGTCAACAAGAAGGGATTTATTTGGCATTTCAGATGTTGG
TGCTTGTGTTGCCTTGGTGTCTGTGAGAGTATACTTCAAAAAGTGCCATTTACAGTGAAGAATCTGGCT
ATGTTTCCAGACACGGTACCCATGGACTCCCAGTCCCTGGTGGAGGTTAGAGGGTCTTGTGTCAACAATT
CTAAGGAGGAAGATCCTCAAGGATGTACTGCAGTACAGAAGGCGAATGGCTTGTACCCATTGGCAAGTG
TTCCTGCAATGCTGGCTATGAAGAAAGAGGTTTTATGTGCAAGCTTGTGCGACAGGTTTCTACAAGGCA
TTGGATGGTAATATGAAGTGTGCTAAGTGCCCGCTCAGATTCTACTCAGGAAGATGGTTCAATGAAGT
GCAGGTGTGAGAATAATTACTTCCGGGCAGACAAAGACCCTCCATCCATGGCTTGTACCCGACCTCCATC
TTCACCAAGAAATGTTATCTCTAATATAAAGCAGACCTCAGTTATCCTGGACTGGAGTTGGCCCCCTGGAC
ACAGGAGGCCGGAAGATGTTACCTTCAACATCATATGTAAGAAATGTGGTGGAATATAAACAGTGTG
AGCCATGCAGCCCAATGTCCGCTTCTCCCTCGACAGTTTGGACTCACCAACACCACGGTGACAGTGAC
AGACCTTCTGGCACATACTAAGTACACCTTTGAGATTGATGCCGTTAATGGGTGTGAGAGCTGAGCTCC
CCACCAAGACAGTTTGTGCGGTGAGCATCACAACTAATCAGGCTGCTCCATCACCTGTCTGACGATTA
AGAAAGATCGGACCTCCAGAAATAGCATCTCTTTGCTGGAAGAACCTGAACATCCTAATGGGATCAT
ATTGGACTACGAGGTCAAATACTATGAAAGCAGGAACAAGAAACAAGTTATACCATTCTGAGGGCAAGA
GGCACAATGTTACCATCAGTAGCCTCAAGCTGACACTATATACGATTCCAAATCCGAGCCCGAACAG
CCGCTGGATATGGGACGAACAGCCGCAAGTTTGAGTTTGAAGTGTCCAGACTCTTCTCCATCTCTGG
TGAAGTAGCCAA

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA

Protein Sequence:

>RC600039 representing signal peptide plus the extracellular domain region of NM_005233

Red=Cloning sites Green= DDK and 6XHIS Tags

MDCQLSILLLLSCSVLDSFGELIPQPSNEVNLDSKTIQELGWISYPSHGWEIISGVDEHYTPRTYQV
CNVMDHSQNNWLRTNWVPRNSAQKIYVELKFTLRDCNSIPLVLGTCKETFNLYYMESDDDHGVKFRHQF
TKIDTIAADESFTQMDLGDRILKLNTEIREVGPVNKKGFYLAQDVGACVALVSVRVYFKKCPFTYKNLA
MFPDTPMDSQSLVEVRGSCVNNNSKEEDPPRMYCSTEGEWLVPIGKCSNAGYEERGFMCQACRPGFYKA
LDGNMCKAKCPHSSSTQEDGSMNCRCENNYFRADKDPPSMACRPPSPRNVISINETSVIDLWSWPLD
TGGRKDVTFNIICKKCGWNIQCEPCSPNVRLPRQFGLTNTTVTVDLLAHTNYTFEIDAVNGVSELSS
PPRQFAAVSITTNQAAPSPVLTIKKDRTSRNSISLSWQEPEHPNGIILDYEVKYYEKQEQTSYILRAR
GTNVTISSLKPDITTYVFQIRARTAAGYGTNSRKFETSPDSFISGESSQ

TRSGTRSGDYKDDDDKGSHHHHHH

Species:

Human

Serotype:

AAV-2

ACCN:	NM_005233
ORF Size:	1623 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_005233.5</u> , <u>NP_005224.2</u>
RefSeq Size:	5837 bp
RefSeq ORF:	2952 bp
Locus ID:	2042
UniProt ID:	<u>P29320</u>
Cytogenetics:	3p11.1
MW:	61 kDa