

Product datasheet for **RC600052A1V**

Human Eph receptor B6 (EPHB6) (NM_004445) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	EPHB6
Synonyms:	HEP
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC600052 representing leader sequence plus the extracellular domain region of NM_004445
Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCCGCCG
CGATCGCC

ATGGCTACTGAAGGGGCTGCCAGTTAGGGAACAGAGTGGCGGGCATGGTGTAGCCTATGGGTGCTGC
TCTCGTGTCTTCAAGTTCTGGCTCTGGAAGAGGTATTGCTGGACACCACCGGAGAGACATCTGAGATTGG
CTGGCTCACCTACCACCAGGGGGTGGGACGAGGTGAGTGTCTGGACGACCAGCGACGCCTGACTCGG
ACCTTTGAGGCATGTCATGTGGCAGGGGCCCTCCAGGCACCGGGCAGGACAATTGGTTGCAGACACACT
TTGTGGAGCGGGCGGGGCCAGAGGGCGCACATTCGACTCCACTTCTCTGTGCGGGCATGCTCCAGCCT
GGTGTGAGCGGGCGCACCTGCGGGGAGACCTTACCCTTTACTACCGTACGGCTGAGGAGCCCGACAGC
CCTGACAGCGTTTCTCTGGCACCTCAAACGCTGGACCAAGGTGGACACAATTGCAGCAGACGAGAGCT
TTCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT
GCAGCGGGCTGGACTGCAACTGAACGTCAAAGAGCGGAGCTTTGGCCCTCACCCAACCGGGCTTCTAC
GTGGCCTTCCAGGACACGGGGCCTGCCTGGCCCTGGTCGCTGTACAGGCTTTCTCCTACACCTGCCTG
CCGTGCTCCGATCCTTTGCTTCTTTCCAGAGACGCAGGCCAGTGGGGCTGGGGGGGCTCCTCGTGGC
AGCTGTGGGACCTGTGTGGCTCATGCAGAGCCAGAGGAGGATGGAGTAGGGGGCCAGGCAGGAGGCAGC
CCCCCAGGCTGCACTGCAACGGGGAGGGCAAGTGGATGGTAGCTGTGGGGCTGCCGCTGCCAGCCTG
GATACCAACCAGCACGAGGAGACAAGGCCCTGCCAAGCCTGCCACGGGGCTCTATAAGTCTTCTGCTGG
GAATGCTCCCTGCTCACCATGCCCTGCCCGCAGTCACGCTCCAACCCAGCAGCCCCGTTTGGCCCTGC
CTGGAGGGCTTCTACGGGCCAGTTCGACCCACCAGAGGCCCTGCCTGCTCCTCATCGGCTCCCC
AGGAGCTTTGGTTGAGGTGCAAGGCTCAGCACTCATGCTACACTGGCGCTGCCTCGGAGCTGGGGGG
TCGAGGGGACTGCTTCAATGTCGCTGTGCAAGGAGTGTGAAGGCCGCCAGGAACCTGCCAGCGGTGGT
GGGGGCACTTGTACCCGCTGCAGGGATGAGGTCCACTTCGACCCTGCCAGAGAGGCCTGACTGAGAGCC
GAGTGTAGTGGGGGACTCCGGGCACACGTACCCTACATCTTAGAGGTGCAGGCTGTTAATGGGGTGTG
TGAGCTCAGCCCTGACCCTCCTCAGGCTGCAGCCATCAATGTCAGCACCAGCCATGAAGTGCCTCTGCT
GTCCCTGTGGTGCACCAGGTGAGCCGGGCATCCAACAGCATACGGGTGCTCTGGCCGACGCCGACCCAGA
CCAATGGGAACATCCTGGACTATCAGCTCCGCTACTATGACCAGGCAGAAGACGAATCCCACTCCTTAC
CCTGACCAGCGAGACCAACTGCCACCGTGCACAGCTGAGCCCTGGCCACATCTATGGTTCCAGGTG
CGGGCCCGGACTGCTGCCGGCCACGGCCCTACGGGGCAAAGTCTATTCCAGACACTTCTCAAGGGG
AGCTGTCTCCAGCTTCGGAAAGACTCTCC

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAAGGGATCTCATCATCACCATCACCATTAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA

Protein Sequence: >RC600052 representing signal peptide plus the extracellular domain region of NM_004445
Red=Cloning sites Green= DDK and 6XHIS Tags

MATEGAAQLGNRVAGMVCSLWVLLLVSSVLALAEVLLDITGETSEIGWLTYPGGWDEVSVLDDQRRRLTR
 TFEACHVAGAPPGTGQDNWLQTHFVERRGAQRAHIRLHF SVRACSSLGVSGGTCREFTLYRQAEPEPDS
 PDSVSSWHLKRWTKVDITIAADESFSSSSSSSSSAWAVGPHGAGQRAGLQLNVKERSFGPLTQRGFY
 VAFQDTGACLALVAVRLF SYTCPAVLRSFASF PETQASGAGGASLVAAVGTCVAHAPEEDGVGGQAGGS
 PPRLHCN GEGKWMVAVGGCRCQPGYQPARGDKACQACPRGLYKSSAGNAPCSPCPARSHAPNPAAPVPCP
 LEGFYRASSDPPEAPCTGPPSAPQELWFEVQGSALMLHWRLPRELGGRDLLFNVVCKECEGRQEPASGG
 GGTCHRCRDEVHFDPRQRGLTESRVLVGLRAHVPIILEVQAVNGVSELSPDPPQAAA INVST SHEVPSA
 VPVVHQVSRASNSITVSWPQPDQTNIGNILDYQLRYDQAEDESHSFTLTSETNTATVTQLSPGHIYGFQV
 RARTAAGHGPYGGKYYFQTL PQGELSSQLPERLS

TRSGTRSGDYKDDDDKGSSHHHHHH

Species: Human
Serotype: AAV-2
ACCN: NM_004445

ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F11417
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_004445.5</u> , <u>NP_004436.4</u>
RefSeq Size:	3449 bp
RefSeq ORF:	3069 bp
Locus ID:	2051
UniProt ID:	<u>O15197</u>
Cytogenetics:	7q34
MW:	63.3 kDa