

Product datasheet for **RC201592A1V**

Human **CYB5R3 (NM_000398) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human CYB5R3 (NM_000398) AAV Particle
Tag: Myc-DDK
Symbol: CYB5R3
Synonyms: B5R; DIA1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC201592 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGGCCAGCTCAGCACGTTGGGCCATATGGTGCTCTTCCCAGTCTGGTTCCTGTACAGTCTGCTCA
TGAAGCTGTTCCAGCGCTCCACGCCAGCCATCACCTCGAGAGCCCGGACATCAAGTACCCGCTGCGGCT
CATCGACCGGGAGATCATCAGCCATGACACCCGGCGCTCCGCTTTCCTGCGTCACCCAGCACATC
CTGGCCCTCCCTGTCGGCCAGCACATCTACCTCTGGCTCGAATTGATGGAAACCTGGTCGTCGGCCCT
ATACACCCATCTCCAGCGATGATGACAAGGGCTTCGTGGACCTGGTCATCAAGGTTTACTTCAAGGAC
CCATCCCAAGTTTCCCGCTGGAGGGAAGATGTCTCAGTACCTGGAGAGCATGCAGATTGGAGACACCATT
GAGTTCGGGGCCCCAGTGGGCTGCTGGTCTACCAGGGCAAAGGGAAGTTCGCCATCCGACCTGACAAAA
AGTCCAACCTATCATCAGGACAGTGAAGTCTGTGGGCATGATCGCGGGAGGGACAGGCATCACCCCGAT
GCTGCAGGTGATCCGCGCCATCATGAAGGACCCTGATGACCACACTGTGTGCCACCTGCTCTTGGCCAA
CAGACCGAGAAGGACATCCTGCTGCGACCTGAGCTGGAGGAACTCAGGAACAAACATTCTGCACGCTTCA
AGCTCTGGTACACGCTGGACAGAGCCCTGAAGCCTGGGACTACGGCCAGGGCTTCGTGAATGAGGAGAT
GATCCGGGACCACCTTCCACCCAGAGGAGGCCGCTGGTGTGCTGATGTGTGGCCCCCACCCATGATC
CAGTACGCTGCCTTCCAACCTGGACCAGTGGGCCACCCACGGAGCGCTGCTTCGTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201592 protein sequence Red=Cloning site Green=Tags(s) MGAQLSTLGHMVLFPVWFLYSLLMKLFQRSTPAITLESPIKYLRLIDREIISHDTRRFRFALPSPQHI LGLPVGQHIYLSARIDGNLVVRPYTPISDDDKGFVDLVIKVFYKDTHPKFPAGGKMSQYLESMQIGDTI EFRGPSGLLVYQGKGF AIRPDKKSNPI IRTVKSVM IAGGTGITPMLQVIRAIMKDPDDHTVCHLLFAN QTEKDILLRPELEELRNKHSARFKLWYTLDRAPEAWDYQGQGFVNEEMIRDHLPPPEEEPLVLMCGPPPMI QYACLPNLDHVGHPTECFVF TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000398
ORF Size:	903 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:	NM_000398.4
RefSeq Size:	2923 bp
RefSeq ORF:	906 bp
Locus ID:	1727
UniProt ID:	P00387
Cytogenetics:	22q13.2
MW:	34.2 kDa