

Product datasheet for **RC217552A1V**

Human CYB5R3 (NM_007326) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYB5R3 (NM_007326) AAV Particle
Tag:	Myc-DDK
Symbol:	CYB5R3
Synonyms:	B5R; DIA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217552 representing NM_007326 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGCTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGGCCCAGCTCAGCACGTTGGGCCATATGGTGCTCTTCCAGTCTGGTTCCTGTACAGTCTGCTCA
TGAAGCTGTTCCAGCGCTCCACGCCAGCCATCACCTCGAGAGCCCGGACATCAAGTACCCGCTGCGGCT
CATCGACCGGGAGATCATCAGCCATGACACCGGCGCTTCCGCTTGGCCTGCCGTACCCACAGCACATC
CTGGGCCTCCCTGTGCGCCAGCACATCTACCTCTCGGCTCGAATTGATGGAACTGGTCTGCGGCCCT
ATACACCCATCTCCAGCGATGATGACAAGGGCTTCGTGGACCTGGTCATCAAGGTTTACTTCAAGGACAC
CCATCCCAAGTTTCCCGCTGGAGGGAAGATGTCTCAGTACCTGGAGAGCATGCAGATTGGAGACACCAT
GAGTTCCGGGGCCCCAGTGGGCTGCTGGTCTACCAGGGCAAAGGGAAGTTCGCCATCCGACCTGACAAAA
AGTCCAACCTATCATCAGGACAGTGAAGTCTGTGGGCATGATCGCGGGAGGGACAGGCATCACCCCGAT
GCTGCAGGTGATCCGCGCCATCATGAAGGACCCTGATGACCACACTGTGTGCCACCTGCTCTTGGCCAAC
CAGACCGAGAAGGACATCCTGCTGCGACCTGAGCTGGAGGAACCTCAGGAACAAACATTCTGCACGCTTCA
AGCTCTGGTACACGCTGGACAGAGCCCCTGAAGCCTGGGACTACGGCCAGGGCTTCGTGAATGAGGAGAT
GATCCGGGACCACCTTCCACCCAGAGGAGGAGCCGCTGGTGTGATGTGTGGCCCCCACCACATGATC
CAGTACGCTGCCTTCCCAACCTGGACCAGTGGGCCACCCACGGAGCGCTGCTTCGTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217552 representing NM_007326 Red=Cloning site Green=Tags(s) MGAQLSTLGHMVLFPVWFLYSLLMKLFQRSTPAITLESPIKYPLRLIDREIISHDTRRFRFALPSPQHI LGLPVGQHIYLSARIDGNLVVRPYTPISSDDDKGFVDLVIKVYFKDTHPKFPAGGKMSQYLESMQIGDTI EFRGPSGLLVYQGGKFAIRPDKKSNPIIRTVKSVGMIAGGTGITPMLQVIRAIMKDPDDHTVCHLLFAN QTEKDILLRPELEELRNKHSARFKLWYTLDRAPAWDYGQGFVNEEMIRDHLPPPEEEPLVLMCGPPPMI QYACLPNLDHVGHPTEFCVF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007326
ORF Size:	834 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_007326.2, NP_015565.1</u>
RefSeq Size:	2000 bp
RefSeq ORF:	837 bp
Locus ID:	1727
UniProt ID:	<u>P00387</u>
Cytogenetics:	22q13.2
MW:	31.4 kDa