

Product datasheet for **RC229902A1V**

Human CYB5R3 (NM_001171660) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CYB5R3 (NM_001171660) AAV Particle
Tag:	Myc-DDK
Symbol:	CYB5R3
Synonyms:	B5R; DIA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC229902 representing NM_001171660 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAATAGGAGTTTGCTGGTTGGATGCATGCAGAGCAAGGACATTTGGGGCAGAGAGGAGAGCATATGCC
AACGCCTGAAGCAAGATGGGCTTGATGTTGAAAGAGCAGAGAGCTGGGAGTTGGGCCATATGGTGCTCTT
CCCAGTCTGGTTCCTGTACAGTCTGCTCATGAAGCTGTTCCAGCGCTCCACGCCAGCCATCACCTCGAG
AGCCCGGACATCAAGTACCCGCTGCGGCTCATCGACCGGGAGATCATCAGCCATGACACCCGGCGCTTCC
GCTTTGCCCTGCCGTACCCCGACACATCCTGGGCTCCCTGTCGGCCAGCACATCTACCTCTCGGCTCG
AATTGATGGAACCTGGTCCGTCGTCGCGCCCTATACACCCATCTCCAGCGATGATGACAAGGGCTTCGTGGAC
CTGGTCATCAAGGTTTACTTCAAGGACACCCATCCCAAGTTTCCGCTGGAGGGAAGATGTCTCAGTACC
TGGAGAGCATGCAGATTGGAGACACCATGAGTTCCGGGGCCCCAGTGGGCTGCTGGTCTACCAGGGCAA
AGGGAAGTTCGCCATCCGACCTGACAAAAAGTCCAACCTATCATCAGGACAGTGAAGTCTGTGGCATG
ATCGCGGGAGGGACAGGCATCACCCGATGCTGCAGGTGATCCGCGCCATCATGAAGGACCTGATGACC
ACACTGTGTGCCACCTGCTCTTTGCCAACCAGACCGAGAAGGACATCCTGCTGCGACCTGAGCTGGAGGA
ACTCAGGAACAAACATTCTGCACGCTTCAAGCTCTGGTACACGCTGGACAGAGCCCTGAAGCCTGGGAC
TACGGCCAGGGCTTCGTGAATGAGGAGATGATCCGGGACCACCTCCACCCCGAGAGGAGGCCCTGG
TGCTGATGTGTGGCCCCCACCATGATCCAGTACGCCTGCCTTCCCAACCTGGACCACGTGGGCCACCC
CACGGAGCGCTGCTTCGTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC229902 representing NM_001171660 Red=Cloning site Green=Tags(s) MNRSLLVGCMQSKDIWGREESICERLKQDGLDVERAESWELGHMVLFPVWFLYSLLMKLFQRSTPAITLE SPDIKYPLRLIDREIISHDTRRFRFALPSPQHILGLPVGQHIYLSARIDGNLVVRPYTPISDDDKGFVD LVIKVFYKDTHPKFPAGGKMSQYLESMQIGDTIEFRGPSGLLVYQGKGKFAIRPDKKSNIIRTVKSVG IAGGTGITPMLQVIRAIMKDPDDHTVCHLLFANQTEKDILLRPELEELRNKHSARFKLWYTLDRAPEAWD YGQGFVNEEMIRDHLPPPEEEPLVLMCGPPPMIYACLPLNDHVGHPTECFVF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001171660
ORF Size:	1002 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_001171660.1, NP_001165131.1</u>
RefSeq ORF:	1005 bp
Locus ID:	1727
UniProt ID:	<u>P00387</u>
Cytogenetics:	22q13.2
MW:	38.7 kDa