

## Product datasheet for **RC205203A1V**

### Human **CYB5R4 (NM\_016230) AAV Particle**

#### Product data:

Product Type:	AAV Particles
Product Name:	Human CYB5R4 (NM_016230) AAV Particle
Tag:	Myc-DDK
Symbol:	CYB5R4
Synonyms:	cb5/cb5R; dj676j13.1; NCB5OR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC205203 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGAACGTCCTTCCAGTCTTTCCGGCCCCAGGTCGCAGCAGCGTGTGCGCTCCGGGGGGCGTA  
 GCAAGGTACCTTTAAAACAGGGCAGAAGCCTTATGGATTGGATTGCGACTGACCAAAAGTGAAAGGATCT  
 AACGGGATTTAAAAGCAGGTTAATTGAAGTAAGTGAAGAAGAACTTAAGAAACACAACAAAAAGATGAT  
 TGTTGGATATGCATAAGAGGTTTCGTTTATAATGTCAGCCCTTATATGGAGTATCATCTGGTGGAGAAG  
 ATGAACTAATGAGAGCAGCAGGATCAGATGGTACTGAACTTTTTGATCAGGTTTCATCGTTGGGTCAATTA  
 TGAATCCATGCTGAAAGAATGCCTGGTTGGCAGAATGGCCATTAACCTGCTGTTCTGAAAGACTATCGT  
 GAGGAGGAAAAGAAAGTCTTAAATGGCATGCTTCCAAGAGCCAAGTACAGATACACTTGCCAAAGAAG  
 GTCTAGTTATCCAAGCTATGATTGGTTCCAAACAGACTCTTTAGTCACCATTGCCATATATACTAAACA  
 GAAGGATATCAATTTAGACTCAATAATAGTTGATCATCAGAATGATTCTTTAGAGCAGAAACAATTATT  
 AAGGATTGTTTATATCTTATACATATTGGGCTAAGCCATGAGGTTGAGGATTTCTGTGCGGGTTG  
 TTGAGAGTGTGGGAAAAATAGAGATTGTTCTACAAAAAAGAGAATACTTCTGGGACTTTCTGGCCA  
 TCCCCTGAAGAATCATAATTCACCTATTCCAAGGAAAGATACAGGTTTGTACTACAGAAAGTGCCAGTTA  
 ATTTCCAAGGAAGATGTTACTCATGATACGAGGCTTTTCTGTTTATGCTGCCACCAAGCACTCATCTTC  
 AAGTGCCATTGGGCAACATGTTACCTCAAGTACCTATTACAGGTACAGAAATAGTAAAGCCATATAC  
 ACCTGTATCTGGTTCCTACTCTCAGAGTTCAAGGAACAGTTCTTCCAACAATAAATACATCTACTTT  
 TTGATAAAAATCTATCCCACTGGACTCTTACACCAGAGCTTGATCGTCTCAGATTGGAGATTTTGTG  
 CTGTAAGCAGTCTGAGGGCAATTTTAAAATATCCAAGTCCAAGAATTAGAAGATCTCTTTTGTGGC  
 AGCTGGAACAGGCTTACACCAATGGTTAAAATACTGAATTATGCTTTGACTGATATACCCAGTCTCAGG  
 AAAGTGAAGCTGATGTTCTTCAATAAAAACAGAAGATGATATAATTTGGAGAAGCCAATTGGAGAAATTAG  
 CATTTAAAGATAAAAAGACTGGATGTTGAATTTGTTCTCTCAGCACCTATTTCTGAATGGAATGGCAACA  
 GGGACATATTTACCAGCTCTTCTTCTGAATTTTAAAAGAAATTTGGACAAATCCAAGTCTCGTC  
 TGCATTTGTGGACCAGTGCCATTTACAGAACAAGGAGTAAGGTTGCTGCATGATCTCAACTTTTCCAAAA  
 ATGAGATCCATAGTTTTACAGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC205203 protein sequence  
 Red=Cloning site Green=Tags(s)

MLNVPSQSFAPRSQQRVASGGRSKVPLKQGRSLMDWIRLTKSGKDLTGLKGRLIEVTEELKKNKDD  
 CWICIRGFVYNVSPYMEYHPGGEDELMRAAGSDGTELFQVHRVWNYESMLKECLVGRMAIKPAVLKDYR  
 EEEKVLNGLPKSQVDTLAKGSPYSYDWFQTDLSLVTIAIYTKQKINLDSIIVDHQNSFRAETII  
 KDCLYLTHIGLSHEVQEDFSVRVSVGKIEIVLQKKENTSWDFLGHPLKNHNSLIPRKDTGLYRKCQL  
 ISKEDVTHDTRLFCLMLPPSTHLQVPIGQHVYLKLPITGTEIVKPYTPVSGSLLSEFKEPVLNNKYIYF  
 LIKIYPTGLFTELDRLQIGDFYSVSSPEGNFKISKFQELEDLFLAAGTGFTPMVKILNYALDIPSLR  
 KVKLMFFNKTEDDIIWRSQLEKLAFKDKRLDVEFVLSAPISEWNGKQGHISPALLSEFLKRNLDKSKVLV  
 CICGPVPFTEQGVRLHDLNFSKNEIHSFTA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_016230

**ORF Size:**

1563 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_016230.3</a></u>
<b>RefSeq Size:</b>	2259 bp
<b>RefSeq ORF:</b>	1566 bp
<b>Locus ID:</b>	51167
<b>UniProt ID:</b>	<u><a href="#">Q7L1T6</a></u>
<b>Cytogenetics:</b>	6q14.2
<b>MW:</b>	59.5 kDa