

## Product datasheet for **RC200604A1V**

### Human Cytochrome b5 Outer Mitochondrial Membrane (CYB5B) (NM\_030579) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Cytochrome b5 Outer Mitochondrial Membrane (CYB5B) (NM\_030579) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Cytochrome b5 Outer Mitochondrial Membrane  
**Synonyms:** CYB5-M; CYPB5M; OMB5  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC200604 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGACTGCGGAAGCTAGCGGCAGCGATGGGAAAGGGCAGGAAGTCGAGACCTCAGTCACCTATTACC  
GGTTGGAGGAGGTGGCAAAGCGCAACTCCTTGAAGGAAGTGTGGCTTGTGATCCATGGCGAGTCTACGA  
TGTCACCCGCTTCCTCAACGAGCACCCCTGGAGGAGAAGAGGTTCTGCTGGAACAAGCTGGTGTAGATGCA  
AGTGAAGCTTTGAAGATGTAGGACACTCTTCTGATGCCAGAGAAATGCTAAAGCAGTACTACATTGGTG  
ATATCCATCCGAGTGACCTTAAACCTGAAAGTGGTAGCAAGCACCTTCAAAAAATGATACATGCAAAAAG  
TTGCTGGGCATATTGGATTTTACCCATCATAGGCGCTGTTCTCTTAGGTTTCTGTACCGCTACTACACA  
TCGAAAAGCAAATCCTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC200604 protein sequence  
Red=Cloning site Green=Tags(s)

MATAEASGSDGKGQEVETSVTYRLEEVAKRNSLKLWLVIHGRVYDVTRFLNEHPGGEEVLLLEQAGVDA  
SESFEDVGHSSDAREMLKQYYIGDIHPSDLKPESGSKDPSKNDTCKSCWAYWILPIIGAVLLGFLYRYT  
SESKSS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2



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<b>ACCN:</b>	NM_030579
<b>ORF Size:</b>	438 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_030579.2</a></u> , <u><a href="#">NP_085056.1</a></u>
<b>RefSeq Size:</b>	4286 bp
<b>RefSeq ORF:</b>	453 bp
<b>Locus ID:</b>	80777
<b>UniProt ID:</b>	<u><a href="#">O43169</a></u>
<b>Cytogenetics:</b>	16q22.1
<b>MW:</b>	16.3 kDa