

Product datasheet for **RC209455A1V**

Human Cytochrome b reductase 1 (CYBRD1) (NM_024843) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytochrome b reductase 1 (CYBRD1) (NM_024843) AAV Particle
Tag:	Myc-DDK
Symbol:	Cytochrome b reductase 1
Synonyms:	CYB561A2; DCYTB; FRRS3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209455 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCATGGAGGGCTACTGGCGCTTCCTGGCGCTGCTGGGGTCGGCACTGCTCGTCGGCTTCTGTCTCGG
TGATCTTCGCCCTCGTCTGGGTCTCCACTACCGAGAGGGCTTGGCTGGGATGGGAGCGCACTAGAGTT
TAACTGGCACCAGTGCTCATGGTCACCGGCTTCGTCTTCATCCAGGGCATCGCCATCATCGTCTACAGA
CTGCCGTGGACCTGGAATGCAGCAAGCTCCTGATGAAATCCATCCATGCAGGGTTAAATGCAGTTGCTG
CCATTCTGCAATTATCTCTGTGGTGGCCGTGTTTGAGAACCACAATGTTAAACAATATAGCCAATATGTA
CAGTCTGCACAGCTGGGTGGACTGATAGCTGTCATATGCTATTTGTTACAGCTTCTTTCAGGTTTTTCA
GTCTTTCTGCTTCCATGGGCTCCGCTTCTCTCCGAGCATTTCTCATGCCATACATGTTTATTCTGGAA
TTGTCATCTTTGGAACAGTGATTGCAACAGCACTTATGGGATTGACAGAGAACTGATTTTTTCCTGAG
AGATCCTGCATACAGTACATTCCCGCCAGAAGGTGTTTTCGTAAATACGCTTGGCCTTCTGATCCTGGTG
TTCGGGGCCCTCATTTTTTGGATAGTCACCAGACCGCAATGGAACGTCCTAAGGAGCCAAATCTACCA
TTCTTCATCCAAATGGAGGCACTGAACAGGGAGCAAGAGGTTCCATGCCAGCCTACTCTGGCAACAACAT
GGACAAATCAGATTCAGAGTTAAACAATGAAGTAGCAGCAAGGAAAAGAACTTAGCTCTGGATGAGGCT
GGGCAGAGATCTACCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209455 protein sequence Red=Cloning site Green=Tags(s) MAMEGYWRFLALLGSALLVGFLSVIFALVWVLHYREGLGWDGSALEFNWHPVLMVTGFVFIQGIATIVYR LPWTWKCSKLLMKSIHAGLNAVAAILAIISVVAVFENHNVNNIANMYSLSHWGLIATICYLLQLLSGFS VFLLPWAPLSLRAFLMPIHVYSGIVIFGTVIATMGLTEKLIFSLRDPAYSTFPPEGVFVNTLGLLILV FGALIFWIVTRPQWKRPKEPNSTILHPNGGTEQGARGSMPAYSGNNMDKSDSELNNEVAARKRNALDEA GQRSTM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_024843
ORF Size:	858 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_024843.2</u>
RefSeq Size:	4390 bp
RefSeq ORF:	861 bp
Locus ID:	79901
UniProt ID:	<u>Q53TN4</u>
Cytogenetics:	2q31.1
MW:	31.7 kDa