

Product datasheet for **RC203113A1V**

Human Myoglobin (MB) (NM_203378) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Myoglobin (MB) (NM_203378) AAV Particle
Tag: Myc-DDK
Symbol: Myoglobin
Synonyms: PVALB
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC203113 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGCTCAGCGACGGGAATGGCAGTTGGTGCTGAACGTCTGGGGGAAGGTGGAGGCTGACATCCCAG
 GCCATGGGCAGGAAGTCCTCATCAGGCTCTTTAAGGGTCACCCAGAGACTCTGGAGAAGTTTGACAAGTT
 CAAGCACCTGAAGTCAGAGGACGAGATGAAGGCATCTGAGGACTTAAAGAAGCATGGTGCCACTGTGCTC
 ACCGCCCTGGGTGGCATCCTTAAGAAGAAGGGGCATCATGAGGCAGAGATTAAGCCCCTGGCACAGTCGC
 ATGCCACCAAGCACAAGATCCCCGTGAAGTACCTGGAGTTCATCTCGGAATGCATCATCCAGGTTCTGCA
 GAGCAAGCATCCCGGGGACTTTGGTGCTGATGCCAGGGGGCCATGAACAAGGCCCTGGAGCTGTTCCGG
 AAGGACATGGCCTCCAACCTACAAGGAGCTGGGCTTCCAGGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC203113 protein sequence
 Red=Cloning site Green=Tags(s)

MGLSDGEWQLVLNVWGKVEADIPGHGQEVLIIRLFKHPETLEKFDKFKHLKSEDEMKASEDLKKHGATVL
 TALGGILKKKGHHEAEIKPLAQSHATKHKIPVKYLEFISECIIQVLQSKHPGDFGADAQGAMNKALELFR
 KDMASNYKELGFQG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2


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ACCN:	NM_203378
ORF Size:	462 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_203378.1</u> , <u>NP_976312.1</u>
RefSeq Size:	1153 bp
RefSeq ORF:	465 bp
Locus ID:	4151
UniProt ID:	<u>P02144</u>
Cytogenetics:	22q12.3
MW:	17.2 kDa