

## Product datasheet for **RC204686A1V**

### Human MD2 (LY96) (NM\_015364) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human MD2 (LY96) (NM\_015364) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** MD2  
**Synonyms:** ESOP-1; ly-96; MD-2; MD2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC204686 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTTACCATTCTGTTTTTCCACCCTGTTTTCTTCCATATTTACTGAAGCTCAGAAGCAGTATTGGG  
TCTGCAACTCATCCGATGCAAGTATTTTCATACACCTACTGTGATAAAATGCAATACCCAATTTCAATTA  
TGTTAACCCCTGTATAGAATTGAAAGGATCAAAGGATTATTGCACATTTTCTACATTCGAAGGAGAGAT  
TTAAAGCAATTATTTCAATCTCTATAACTGTCAACACCATGAATCTTCAAAGCGCAAAGAAGTTA  
TTTGCCGAGGATCTGATGACGATTACTTTTTGCAGAGCTCTGAAGGGAGAGACTGTGAATACAACAAT  
ATCATTCTCCTTCAAGGGAATAAAATTTCTAAGGGAAAATACAAATGTGTTGTTGAAGCTATTTCTGGG  
AGCCCAGAAGAAATGCTTTTTGCTTGAGTTTGTATCTACCAACCTAATTCAAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC204686 protein sequence  
Red=Cloning site Green=Tags(s)

MLPFLFFSTLFSIFTEAQKQYWVCNSSDASISYTYCDKMQYPISINVNPCIELKGSKGLLHIFYIPRRD  
LKQLYFNLYITVNTMNLPKRKEVICRGSDDDYFCRALKGETVNTTISFSFKGIKFSKGKYKCVVEAISG  
SPEEMLCLEFVILHQPNSN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2



ACCN:	NM_015364
ORF Size:	480 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><a href="#">NM_015364.2</a></u>
RefSeq Size:	642 bp
RefSeq ORF:	483 bp
Locus ID:	23643
UniProt ID:	<u><a href="#">Q9Y6Y9</a></u>
Cytogenetics:	8q21.11
MW:	18.4 kDa