

## Product datasheet for RC201971A1V

### Human MVK (NM\_000431) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human MVK (NM_000431) AAV Particle
Tag:	Myc-DDK
Symbol:	MVK
Synonyms:	LRBP; MK; MVLK; POROK3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201971 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC

ATGTTGTCAGAAGTCCTACTGGTGTCTGCTCCGGGAAAGTCATCCTTCATGGAGAACATGCCGTGGTAC  
ATGGCAAGGTAGCACTGGCTGTATCCTTGAACCTTGAGAACATTCCTCCGGCTTCAACCCACAGCAATGG  
GAAAGTGGACCTCAGCTTACCCAACATTGGTATCAAGCGGGCCTGGGATGTGGCCAGGCTCAGTCACTG  
GACACAAGCTTTCTGGAGCAAGGTGATGTCACAACACCCACCTCAGAGCAAGTGGAGAAGTAAAGGAGG  
TTGCAGGCTTGCCTGACGACTGTGCTGTACCCAGCGCCTGGCTGTGCTGGCCTTTCTTTACTTATACCT  
GTCCATCTGCCGGAAGCAGAGGGCCCTGCCGAGCCTGGATATCGTAGTGTGGTTCGAGCTGCCCGCCGGG  
GCGGGCTTGGGCTCCAGCGCCGCTACTCGGTGTGCTGGCAGCAGCCCTCCTGACTGTGTGCGAGGAGA  
TCCAAACCCGCTGAAGGACGGGATTGCGTCAACAGGTGGACCAAGGAGGATTGGAGCTAATTAACAA  
GTGGGCCTTCCAAGGGGAGAGAATGATTCACGGGAACCCCTCCGGAGTGGACAATGCTGTCAGCACCTGG  
GGAGGAGCCCTCCGATACCATCAAGGGAAGATTCATCCTTAAAGAGGTCGCCAGCTCTCCAGATCTGC  
TGACCAACACCAAAGTCCCTCGCAATACCAGGGCCCTTGTGGCTGGCGTCAGAAACAGGCTGCTCAAGTT  
CCCAGAGATCGTGGCCCCCTCCTGACCTCAATAGATGCCATCTCCCTGGAGTGTGAGCGCTGCTGGGA  
GAGATGGGGGAAGCCCCAGCCCCGGAGCAGTACCTCGTCTGGAAGAGCTCATTGACATGAACCAGCACC  
ATCTGAATGCCCTCGGGCTGGGCCACGCCCTCTCTGGACCAGCTCTGCCAGGTGACCAGGGCCCGCGGACT  
TCACAGCAAGCTGACTGGCGCAGGCGGTGGTGGCTGTGGCATCACACTCCTCAAGCCAGGGCTGGAGCAG  
CCAGAAGTGGAGGCCACGAAGCAGGCCCTGACCAGCTGTGGCTTTGACTGCTTGGAAACCAGCATCGGTG  
CCCCGGCGTCTCCATCCACTCAGCCACCTCCCTGGACAGCCGAGTCCAGCAAGCCCTGGATGGCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC201971 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MLSEVLLVSAPGKVIHGEHAVVHGKVALAVSLNLRFTLRLQPHSNGKVDLSLPNIGIKRAWDVARLQSL  DTSFLEQGDVTTPTSEQVEKLKEVAGLPDDCAVTERLAVLAFLYLYLSICRKQRALPSLDIVVWSELPPG  AGLGSSAAYSVCLAAALLTVCEEIPNPLKDGDCVNRWTKEDLELINKWAFQGERMIHGNPSGVDNAVSTW  GGALRYHQKISSLKRSPALQILLTNTKVPNRTRALVAGVRNRLKFPFPEIVAPLLTSIDAI SLECERVLG  EMGEAPAPEQYLVEELIDMNQHHLNALGVGHASLDQLCQVTRARGLHSKLTGAGGGGCGITLLKPGLEQ  PEVEATKQALTS CGFDCL ETSIGAPGVS IHSATSLDSRVQQALDGL</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_000431
<b>ORF Size:</b>	1188 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>	<a href="#">NM_000431.1</a>
<b>RefSeq Size:</b>	2084 bp
<b>RefSeq ORF:</b>	1191 bp
<b>Locus ID:</b>	4598
<b>UniProt ID:</b>	<a href="#">Q03426</a>
<b>Cytogenetics:</b>	12q24.11
<b>MW:</b>	42.5 kDa