

Product datasheet for **RC222580A1V**

Human **MARK4 (NM_031417)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MARK4 (NM_031417) AAV Particle
Tag:	Myc-DDK
Symbol:	MARK4
Synonyms:	MARK4L; MARK4S; MARKL1; MARKL1L; PAR-1D
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC222580 representing NM_031417
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTTCGCGGACGGTGCTGGCCCCGGGCAACGATCGGAACTCGGACACGCATGGCACCTTGGGCAGTG
 GCCGCTCCTCGGACAAAGGCCCGTCCTGGTCCAGCCGCTCACTGGGTGCCGTTGCCGGAATCCATCGC
 CTCCTGTCCCGAGGAGCAGCCCCACGTGGGCAACTACCGCTGCTGAGGACCATTTGGGAAGGGCAACTTT
 GCCAAAGTCAAGCTGGCTCGGCACATCCTCACTGGTCGGGAGGTTGCCATCAAGATTATCGACAAAACCC
 AGCTGAATCCCAGCAGCTGCAGAAGCTGTTCCGAGAAGTCCGCATCATGAAGGGCTAAACACCCCAA
 CATCGTGAAGCTCTTTGAGGTGATTGAGACTGAGAAGACGCTGTACCTGGTGATGGAGTACGCAAGTGCT
 GGAGAAGTGTGACTACCTCGTGTGCATGGCCGCATGAAGGAGAAGGAAGCTCGAGCCAAGTTCGCAC
 AGATTGTTTCGGCTGTGCACTATTGTCACCAGAAAAATATTGTACACAGGGACCTGAAGGCTGAGAACCT
 CTTGCTGGATGCCGAGGCCAACATCAAGATTGCTGACTTTGGCTTCAGCAACGAGTTCACGCTGGGATCG
 AAGCTGGACACGTTCTCGGGGAGCCCCCATATGCCGCCCGGAGCTGTTTCAGGGCAAGAAGTACGACG
 GGCCGGAGGTGGACATCTGGAGCCTGGGAGTATCCTGTACACCTCGTCAGCGGCTCCCTGCCCTTCGA
 CGGGCACAACTCAAGGAGCTGCGGGAGCGAGTACTCAGAGGGAAGTACCGGGTCCCTTTCTACATGTCA
 ACAGACTGTGAGAGCATCCTGCGGAGATTTTGGTGCTGAACCCAGCTAAACGCTGTACTCTCGAGCAAA
 TCATGAAAGACAAATGGATCAACATCGGCTATGAGGGTGAGGAGTTGAAGCCATACACAGAGCCCGAGGA
 GGACTTCGGGGACACCAAGAGAATTGAGGTGATGGTGGGTATGGGCTACACACGGGAAGAAATCAAGAG
 TCCTTGACCAGCCAGAAGTACAACGAAGTGACCGCCACCTACCTCCTGCTGGGCAGGAAGACTGAGGAGG
 GTGGGGACCGGGCGCCCCAGGGCTGGCCCTGGCACGGGTGCGGGCGCCAGCGACACCACCAACGGAAC
 AAGTTCAGCAAAGGCACCGCCACAGCAAAGGGCAGCGGAGTTCCTCTTCCACCTACCACCGCCAGCGC
 AGGCATAGCGATTTCTGTGGCCATCCCTGCACCCCTGCACCCCAAACGCAGCCGACGAGCACGGGGG
 AGGCGGAGCTGAAGGAGGAGCGGCTGCCAGGCCGAAGGCGAGCTGCAGCACCGCGGGGAGTGGGAGTCG
 AGGGTGCCCCCTCCAGCCCCATGGTCAGCAGCGCCACAACCCCAACAAGGCAGAGATCCAGAGCGG
 CGGAAGGACAGCACGAGCACCCCAACAACCTCCCTCCTAGCATGATGACCCGACAGAAACACCTACGTTT
 GCACAGAACGCCCGGGGCTGAGCGCCCGTCACTGTTGCCAAATGGGAAAGAAAACAGCTCAGGCACCCC
 ACGGGTGCCCCCTGCCTCCCCCTCCAGTCACAGCCTGGCACCCCATCAGGGGAGCGGAGCCGCTGGCA
 CGCGGTTCACCATCCGACGACCTTCATGGTGGCCAGGTCCGGGACCGCGGGCAGGGGTGGGGGTG
 GTGGGGGTGTGAGAATGGGCCCTGCCTCTCCACACTGGCCCATGAGGCTGCACCCCTGCCCGCCGG
 GCGGCCCGCCCAACCAACCTCTTACCAAGCTGACCTCCAACTGACCCGAAGGGTTACCTTCGAT
 CCCTCTAAACGGCAGAACTCTAACCGCTGTGTTTCGGGCGCCTCTCTGCCCCAGGGATCCAAGATCAGGT
 CGCAGACGAACCTGAGAGAATCGGGGACCTGAGGTCAAAAGTTGCCATCTACCTGGGATCAAACGGAA
 ACCGCCCCCGGCTGCTCCGATCCCTGGAGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222580 representing NM_031417 Red=Cloning site Green=Tags(s) MSSRTVLAPGNDNRSDTHGTLGSGRSSDKGPSWSSRSLGARCNSIASCPPEEQPHVGNRYLLRTIGKGNF AKVKLARHILTGREVAIKIIDKTQLNPSSLQKLFREVRIMKGLNHPNIVKLFEVIETEKTLVMEYASA GEVFDYLVSHGRMKEKEARAKFRQIVSAVHYCHQKNIVHRDLKAENLLDAEANIADFGFSNEFTLGS KLDTFCGSPPYAAPELFQGGKYDGPVDIWSLGVILYTLVSGSLPFDGHNKELRERVLRGKYRVPFYMS TDCESILRRFLVLNPAKRCTLEQIMKDKWINIGYEGEELKPYTEPEEDFGDTKRIEVMVMGYTREEIKE SLTSQKYNEVTATYLLGRKTEEGDGRGAPGLALARVRAPSDTTNGTSSSKGTSHSKGQRSSSTYHRQR RHSDFCGPSPAPLHPKRSPTSTGEAELKEERLPGRKASCSTAGSGRGLPPSSPMVSSAHNPNAEIPER RKDSTSTPNNLPPSMTTRNTYVCTERPGAERPSLLPNGKENSSTGTPRVPPASPSHSLAPPSGERSRLA RGSTIRSTFHGGQVRDRRAGGGGGGVQNGPPASPTLAHEAAPLPAGRPRPTTNLFTKLTSLKTRRVTLTLD PSKRQNSNRCVSGASLPQGSKIRSQTNLRESGDLRSQVAIYLGIRKPPPGCSDSPGV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_031417
ORF Size:	2064 bp
Buffer:	PBS with 0.001% Pluronic F8532
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_031417.2</u>
RefSeq Size:	4917 bp
RefSeq ORF:	2067 bp
Locus ID:	57787
UniProt ID:	<u>Q96L34</u>
Cytogenetics:	19q13.32
MW:	75.1 kDa