

Product datasheet for **MR224771A1V**

Mouse Grk1 (NM_011881) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Grk1 (NM_011881) AAV Particle
Tag:	Myc-DDK
Symbol:	Grk1
Synonyms:	Gprk1; Rhok; Rk
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR224771 representing NM_011881
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTTCTGGGTCTTGGAGACCGTGGTGGCCAACCTCTGCCTTCATCGCTGCCCCGGGGCAGTTTGTACG
 GAAGCAGCACACCGTCTTCCCGAGACAAGAAATATCTGGCCAAGCTCCGGTTGCCCCACTGTCCAAGTG
 TGAGGGTCTCCGTGACAACCTCAGCTTGGAGTTTGAGAGCCTGTGCTCAGAGCAACCCATCGGCAAGAGG
 CTCTTCCAACAGTTCTTGAAGACAGACGAGAGACATGTGCCAGCTCTGGAGCTCTGGAAGGACATTGAGG
 ACTATGACACTGCTGATGATGACCTGAGGCCACAGAAGGCACAAGCCATCCTGGCTGAGTACCTGGACCC
 ACAGGGCACACTCTTCTGCACTTTCTGGACCAGGGCATGGTGACAAGGGTGAAGAAGGGCCAACCTGGG
 AGCCAGGACGGCTCTTCCAGCCTTTGCTCCAGGCCACAATGGAGCACTTGAGCCAGGCGCCCTTCCAGG
 AGTACCTAGAAAGCTTGATTTCTGCGGTTTCTTCAGTGGAAGTGGTGAAGGCCAGCCCATAGGTGA
 AGACTGGTTCTTGGACTTCAGGGTCTGGGAAAGGGGGCTTCGGGGAAGTGTCTGCCTGTCAGATGAAG
 GCGACTGGCAAGATGTATGCCTGCAAGAAGCTCAACAAGAAACGGCTGAAGAAGAGGAAGGGCTACCAGG
 GCGCCATTGTTGAGAAGAGGATTCTGACTAAAGTACACAGCAGGTTTATTGTGTCTCTGGCCTATGCGTT
 CGAGACCAAGACGGACCTCTGTCTGGTGATGACCATCATGAACGGAGGTGACGTGAGGTACCACATCTAC
 AATGTGGATGAGGATAACCCCGGCTTCTCAGAACACGGGCCATCTATTACACAGCACAGATCATCAGTG
 GCCTGGAGCACCTGCATCAGAGACGATTGTCTACCGTGACCTCAAGCCAGAGAATGTGCTATTGGACAA
 TGATGGCAATATCCGAATTTCTGACCTTGGACTGGCTGTGGAGCTGAAGGAAGGGCAGAATAAGACCAAG
 GGCTACGACGGGACCCAGGTTTCATGGCCCCTGAGCTCTGCGAGGTGAAGAATACGACTTCTCTGTGG
 ACTACTTTGCCCTGGGGTACATTGTACGAGATGATCGCAGCCAGAGGACCTTCCGAGCCGAGGAGA
 GAAGGTAGAGAACAAGGAGCTTAAGCAACGTATCATCTCAGAGCCTGTGAAGTACCCAGAGAAGTTTCAGC
 CAGGCCAGCAAGGACTTCTGTGAGCAGCTGTTGGAGAAGGACCCGGAGAAGCGCCTGGGCTTCCGGGATG
 GAACCTGTGATGCGCTTCGGGCAACGTCCTCTTCAAAGATATCAGCTGGAGGCAGCTCGAAGCCGGGAT
 GCTCATTCTCCATTCATCCAGACTCTAGGACTGTCTATGCCAAGAACATTGAGGAGTGGGTGCCTTT
 TCCACAGTCAAGGGTGTGGTTTTTGACAAAGCGGACACAGAGTTCTTCCAAGAATTCGCCTCTGGCACT
 GCTCCATTCCCTGGCAGGAGGAGATGATCGAGACTGGGCTCTTGGGGACCTAAATGTGTGGCGCGCAGA
 TGGTCAGATGCCGGATGACATGAAGGAATCACACGGAGGAGGCAGCCCTACAGCCAAGTCGGGAATG
 TGTCTCATCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MDFGSLETVVANSAFIAARGSFDSSTPSSRDKKYLAKLRLPPLSKCEGLRDNLSLEFESLCSEQPIGKR
 LFQQFLKTDERHVPALWLDIEDYDTADDDLRPQKAQAILAEYLDPQGTLCNFDQGMVTRVKEGPTG
 SQDGLFQPLLQATMEHLSQAPFQEYLESYFLRFLQWKWLEAQPIGEDWFLDFRVLGKGGFGEVSACQMK
 ATGKMYACKKLNKRLKRGYQGAIVEKRILTKVHSRFLVSLAYAFETKTDLCVMTIMNGGDVRYHIY
 NVDEDNPGFSEPRAIYYTAQIIISGLEHLHQRRIVYRDLKENVLLDNDGNIRISDLGLAVELKEGQNKTK
 GYAGTPGFMAPELLRGEEDYFSDYFALGVTLYEMIAARGPFRARGEKVENKELQRIIIEPVKYPEKFS
 QASKDFCEQLLEKDPEKRLGFRDGTCDALRANVLFKDISWRQLEAGMLIPPFIPDSRTVYAKNIQDVGAF
 STVKGVVFDKADTEFFQEFASGNCSIPWQEEMIETGLFGDLNVWRADGQMPDDMKGITTEEAAPTAKSGM
 CLIS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_011881
ORF Size:	1692 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_011881.3</u> , <u>NP_036011.3</u>
RefSeq Size:	7462 bp
RefSeq ORF:	1695 bp
Locus ID:	24013
Cytogenetics:	8 A1.1
MW:	64.3 kDa