

Product datasheet for **MR217364A1V**

Mouse Qrs1 (NM_001081054) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Qrs1 (NM_001081054) AAV Particle
Tag:	Myc-DDK
Symbol:	Qrs1
Synonyms:	2700038P16Rik; C80053; GatA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR217364 representing NM_001081054
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGGGCGGACTCTCCGAGAAGTTTCTGCGCACTGAAGCAGGGCCAGGTTACACCAACAGAGCTCT
 GCAAGAACTGTCTCTCCCTCATCAAGAAAACCAAGTATCTAAATGCTTACATTACTGTATCAGAAGAGGT
 CGCTTTAAAGCAAGCTGAAGAATCAGAGAAAAGATACAAGCAAGGTCAGTCTCTTGGAGATTTAGATGGA
 ATTCTGTGTGCTGTAAAGACAACCTTTAGCACAACTGGCATTGAGACAACATGTGCATCAAAATATGTTAA
 AAGGTTACGTACCACCTTACAATGCTACAGTAGTTTCAAGCTGTTGGATCAGGGTGCCTACTCATGGG
 GAAAACAAATTTAGATGAGTTTGTATGGGGTCTGGAAGCACAGATGGTGTGTTGGGCCAGTTAGAAAC
 CCCTGGACTTACTCGAAGCAGTACAGAGAGAGAAGCCGGCAGGATGCAGGTGATGATTCCCACTGGCTGA
 TCACTGGCGGAAGCTCGGGCGGCAGCGCAGCGCGGCTGCGCGCTTACCTGCTTTCGGCTCTCGGATC
 GGACACTGGTGGGTCCACCAGGAACCTGCTGCCCACTGTGGGATTGTTGGTTTCAAACCAAGCTATGGC
 TTGGTTTTCACGCGACGGCCTTATTCCTGCTGGAATTCATGGACGTGCCAGGAATCCTACCCAGATGTG
 TGGACGACACAGCAATTGTGTTAGGTACACTGGCTGGACATGACCCCAAGATTCCACCACAGTGAGAAA
 CCCTGCTCAGCCGGCCTCGGTTCCCGCGGGATGGATGTGAGCAGGCTGTGTATAGGAATCCCAAGGAA
 TATCTAGTACCAGAATTGTCAAGTGAAGTACGGTCTCTCTGGTCCCAAGCTGCTGACCTCTTTGAGTCTG
 AAGGAGCCAAAGTGATTGAGGTGTCTCTGCCACACACCTGTTACTCAATTGTCTGCTACCATGCTCTGTG
 CACATCAGAAGTAGCATCGAATATGGCAAGATTGATGGGCTCCAGTATGGTCATAGGTCTGGTGTGAT
 GTGTCCACTGAAGCCATGTACGCCGCAACCAGACAGGAAGGCTTCAATGATGTGGTGAGAGGAAGAATTC
 TCTCAGGAACTTTTTCTTATTTAAAGAAAATTATGAGAATTATTCGTAAGGCACAGAAAGTAGGCGC
 CCTCATTGTGAAGGATTTTGTGGATGTTTTTGTAGTCTGGGGTGGATGTCCTGCTAACCCCAACACCTG
 ACTGAGGCAGTGCCGTACCTGGAGTTCATCAAAGAAGACAACAGGACACGACGCGCCAGGATGATATTT
 TCACTCAAGCTGTCAATATGGCAGGCTTGCCAGCAGTGAAGTGTCCCTGTGGCCCTCTCAAACCAAGGCT
 GCCAATAGGACTGCAGTTAATTGGACGTGCATTTTGTGACCAGCAACTTCTGACAGTTGCCAAGTGGTTT
 GAAAAACAAGTACAGTTTCTGTTATTCAACTGCAGGGCTCATGGATGATGGCTCGTTGGTTCTTGAA
 ATGGAAAGTTAACGTCTGCTTCTGACCCAGAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLGRTLREVSAAALKQGQVTPTELCKNCLSLIKKTKYLNAYITVSEEVALKQAESEKRYKQGQSLGDLG
 IPVAVKDNFSTTGIEETTCASNMLKGYVPPYNATVVQKLLDQGALLMGKTNLDEFAMGSGSTDGVFGPVRN
 PWTYSKYRERSRQDAGDDSHWLITGGSSGGSAAVAATCFALGSDTGGSTRNPAAHCGIVGFKPSYG
 LVSRHGLIPLVNSMDVPGILTRCVDDTAIVLGLTAGHDPKSTTVRNPAQPASVPGMDVSRCLIGIPKE
 YLVPESSEVRSLSQAADLFESEGAKEVIEVSLPHTCYIVCYHVLCTSEVASNMARFDGLQYGHRSVGD
 VSTEAMYAATRQEGFNDVVRGRILSGNFFLLKENYENYFVKAQKYRRLIVKDFVDVFESGVDVLLTPTTL
 TEAVPYLEFIKEDNRTRSAQDDIFTQAVNMAGLPAVSVPVALSQGLPIGLQLIGRAFCDQQLLTVAKWF
 EKQVQFPVIQLQGLMDDGSLVLENGKLTASLTQR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001081054

ORF Size:

1575 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_001081054.2, NP_001074523.1</u>
RefSeq Size:	1970 bp
RefSeq ORF:	1578 bp
Locus ID:	76563
UniProt ID:	<u>Q9CZN8</u>
Cytogenetics:	10 B2
MW:	56.8 kDa