

Product datasheet for **MR221296A1V**

Mouse Flvcr1 (NM_001081259) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Flvcr1 (NM_001081259) AAV Particle
Tag:	Myc-DDK
Symbol:	Flvcr1
Synonyms:	9630055N22Rik; FLVCR; Flvcr1; Mfsd7b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR221296 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCGGCCGATGACGAGGTGGGGCGGCCGTGGCGCCCGGGCACCCGCTGGGGAAGGGATACCTTC
 CAGTGCCCAAGGGCGCCCGGACGGGGAGGCGCGCTTGGTACCGCAAAACGGGCCTGAGGCGCTGAACGG
 AGGCCCCGGGCTCGGCCCGCTGATCGCGGGAGCCAGGGCGGGCCGAAGCCCTGATAGCGGCGGAGGAG
 GAGACCCAGGCCCGGCTGTTGCCCGCGGGGACGGGGAGGACGTCCCATGCCCGCGTGTCCCCGCGCA
 CAGCGCTGTGCGCGAGGCGCTTCGTGGTGTGCTCATCTTCAGCCTTTACTCGCTGGTGAACGCCTTCCA
 GTGGATCCAGTACAGCAGCATCAGCAACGTGTTGAGGACTTCTACGAGGTGTCGCCGCTGCACATCAAC
 TGGCTGTCCATGGTGTACATGGTGGCTACGTGCCCTCATCTCCCGCCACCTGGCTGCTGGACACGC
 GAGGCCTCGGGCTCACGGCGCTGCTGGGCTCCGGCCTCAACTGCCTGGGAGCCTGGGTCAAGTGGCGAG
 CGTGCAGCGGCACCTCTTCTGGGTACCATGCTGGGGCAGATCCTGTGCTCCGTGGCCAGGTCTTCATC
 CTGGGCTTGCCCTCCCCCGTCCGCTCGGTATGGTTGGACCAAGGAGGTGTCGACGGCTTGTGCCACAG
 CAGTGTGGGCAATCAGCTTGGAACTGCAGTTGGTTTTTTGTTGCCACCTGTTTTAGTGCTGCCTTGGG
 CACACAGAATAGCACAGGCTCCTGGCTCACACACAGAATAACACAGACCTCCTGGCTCATAACATCAAC
 ACCATGTTTTACGGAACAGCATTATCTCCACATTTTTATTTTTTAACAATAATTGCATTCAAGGAGA
 AACCTCCGTTGCCTCAAAGTCAGGCTCAGGCAGTCTTCGAGACAGCCCCCTGAAGAGTACTCTACAA
 GAGTTCTATCTGGAACCTGTGCAGAAACATCCCCTTTGTTCTCCTGCTGGTCAGTTATGGTATCATGACT
 GGAGCATTTTATTCAATCTCAACATTATTGAATCAAATAATATTGACATATTATGTGGGAGAAGAGGTGA
 ATGCTGGGAGGATCGGGCTGACACTGGTGGTAGCTGGAATGGTGGGCTCTATTCTCTGGCTTATGGCT
 GGACTATACAAAACCTACAAGCAGACAACCTGATAGTGTACGTTCTGTCTTTTATTGGAATGCTCATA
 TTCACATTCACTGAACCTCGGGTACATCATCGTGGTGTTTTTACTGGTGGGATTCTTGGCTTCTTCA
 TGACTGGTTACCTCCCGCTGGGCTTTGAGTTTGTGTGGAGATCACCTACCCTGAGTCTGAGGGCATGTC
 CTCAGGCTCCTCAACTGCTGCACAGATACTTGAATTTTCTTACATTGGCTCAAGGAAAGATCACA
 ACAGACTATAATAGTCCAGAGGCAGGAAACATTTCTTTGTGCCTGGATGTTTGTAGGCATAATTTTAA
 CAGCGTTGATCAAGTCTGATCTGAGAAGGCACAATAAAACCCGGGCTTACAAACATTGACGTTAAAGC
 TGTACCAGTTGATAGTCGGGTAGATCCAAAACCAAAGTATGGTGTCTATACAGTCGGAATCTTCACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221296 protein sequence
 Red=Cloning site Green=Tags(s)

MARPDDEVGPAVAPGHPLGKGYLPVPGAPDGEARLVPQNGPEALNNGPGLGPLIAGAQQGPQALIAAEE
 ETQARLLPAGDGEDVPCPACPPRTALSPRRFVLLIFSLYSLVNAFQWIQYSSISNVFEDFYEVSPHLIN
 WLSMVYVAYVPLIFPATWLLDTRGLRLTALLGSLNCLGAWVKCGSVQRHLFWVTMLGQILCSVAQVFI
 LGLPSPVASVWFGPKEVSTACATAVLGNQLGTA VGFLLPPVLPALGTQNSTGLLAHTQNNDDL AHNIN
 TMFYGTAFISTFLFLLTIIAFKEKPLPPSQAQAVLRDSPPEEYSYKSSIWNLCRNIPFVLLVSYGIMT
 GAFYSISTLLNQIILTYVVEEVNAGRIGLTLVAGMVGSI LCGLWLDYTKYKQTTLIVYVLSFIGMLI
 FTFTLNLGYIIVVFTGGILGFFMTGYLPLGF EFAVEITYPESEGMSGLLNTAAQILGIFFTLAQGKIT
 TDYNSPEAGNIFLCAWMFVGIILTALIKSDLRRHNINTGLTNIDVKAVPVDSRVDPKPKVMVSIQSESSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001081259

ORF Size:	1683 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_001081259.1</u> , <u>NP_001074728.1</u>
RefSeq Size:	4087 bp
RefSeq ORF:	1683 bp
Locus ID:	226844
UniProt ID:	<u>B2RXV4</u>
Cytogenetics:	1 H6
MW:	60.5 kDa