

Product datasheet for **RC206353A1V**

Human MFSD4B (NM_153369) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MFSD4B (NM_153369) AAV Particle
Tag:	Myc-DDK
Symbol:	MFSD4B
Synonyms:	KIAA1919; NaGLT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206353 representing NM_153369
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGTGCCTCCTTCTGGGCTGGGATTGAGTGTGCTATAGTGGGACCCACGTTTCAAGATTTGG
 CAACAAACGTGAACCGAAATATCAGTAGTCTGTCTTTCATTTTGTGGTTCGTGCCTTGGGATATTTGAG
 TGGCTCTGTGATTGGTGGATTTCTGTGATGTCATGAATTATTTTTACTTTTGGGAATCTCAATGTGC
 GCTACCACCGTTGGTCTTTATCTTGTCTTTTTGCAAGACAGCAATATACTCACTGTCATGATGTCTA
 TCTTCGGTGTTCATTTGGCATTCTGGATACAGGTGTAACGTCCTTATCTTGGCTATTTGGGGGACAA
 AGGAGCCCCACATATGCAGGCCCTACACTTCTCTTTTGCCTTGGGTGCCTTTTGGCTCCACTGCTAGCT
 AAAGTGGCTTTGGTCCGACAGCGTCTGCTGAAAACACAGAGTCTGACTCCATCCTGCACTCAACC
 AATCATCTGATGCTGACTCAGAAGCTCTGTTTGGAGTACCTAATGATAAGAATTTACTGTGGCTTATGC
 TGTATCGGTACTTACATGTTCTTAGTTCTGTCATTTTTTTTGTCTGTTTTTAAAGAATAGCTCAAAG
 CAAGAAAAGCAAGAGCATCTGCTGAGACATTTGAAGAGCAAAATATACAACGCCCTCTTTGTCTCC
 TTTTTCTGTTCTCTTTTTTATGTTGGAGCTGAGGTAACATATGGCTCTTATGTTTTCTCATTTGCAAC
 CACCATGCTGGCATGAAAGAAAGTGAAGCTGCTGGGTGAACTCCATCTTCTGGGGACATTTGACGCC
 TGCAGGGCCCTGGCAATCTTTTTGCTACCTGTTTACAGCCTGGAACCATGATTGTGTTGAGCAACATTG
 GCAGCTGACTTCATCTTTATTTCTGGTCTTTTTGACAAGAACCCAATTTGTCTCTGGATAGCAACTTC
 AGTGTATGGGGCTTCAATGGCAACCACATTTCCGAGTGGTGTTCCTGGATTGAGCAGTACACGACCATC
 CATGGGAAATCTGCAGCATTTTTGTAATTGGTGTCTCCCTGGGAGAAATGGCTATTCTGCAGTCATTG
 GAATTTCAAGGAAAATACCTGATTTGCCTGTAGTTCTGTATACCTCTTTGGGAGCATCAATAGCTAC
 TGGTATTTTATTCTGTGCTATATAAATTAGCCACTTACCTCTTGATCGCCAGCGAAAAGAAGACAGA
 AAGAGTGAAGACCAGAAAGCTCTGCTCTAGCTCCGGCTAAATGAATATGAGGAAGAGAAATGAAGAGG
 AGGATGCAGAAAATGGAATGAAATGGATTTTGAATGATTGAAACGAATGATACAATGAGGCATTCTAT
 AATAGAGACATCTAGAAGTAGTCTGACGGAGCCACAGCTGAAGTCTATAATCAATACCCATCAAATGCA
 CTGGTGTGAGTCTTCTCTTTAATACTGGCAGTGCCCATGTGAAGCACTTGCAGAAAACAGGACAA
 AAGGGACTAACGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLCASFLGLGLSVAIVGPTFQDLATNVNRNISSLFIFVGRALGYLSGSVIGGFLVDVMNYFLLLGISMS
 ATTVGLYLVFPCKTAILLTVMMSIFGVSIGILDTGGNVLILAIWGDKGAPHMQUALHFSFALGAFLAPLLA
 KLALGPTASAENHTESDFHPALNQSSDADSEALFGVPNDKNLLWAYAVIGTYMFLVSVIFFCLFLKNSSK
 QEKARASAETFRRAKYHNALLCLLFLFFFYVGAEVTYGSYVFSFATTHAGMKESEAAGLNSIFWGTFAA
 CRGLAIFFFATCLQPGTMIVLSNIGSLTSSLFLVLFDPKNPICLWIATSVYGASMATTFPSGVSWIEQYTTI
 HGKSAFFVIGASLGEMAIPIVIGILQGKYPDLPVVLYTSLGASIAATGILFPVLYKLATSPLDRQRKEDR
 KSEDQKALLSSSGLNEYEEENEEDAEKWNEMDFEMIETNDTMRHSIIETSRSSLTEPTAEVYNQYPSNA
 LVFESSPFNTGSAHVKHLPEPTRKGTNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_153369

ORF Size:

1554 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_153369.2</u>
RefSeq Size:	3930 bp
RefSeq ORF:	1557 bp
Locus ID:	91749
UniProt ID:	<u>Q5TF39</u>
Cytogenetics:	6q21
MW:	56.2 kDa