

Product datasheet for **RC219252A1V**

Human MFSD6 (NM_017694) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MFSD6 (NM_017694) AAV Particle
Tag:	Myc-DDK
Symbol:	MFSD6
Synonyms:	hMMR2; MMR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC219252 representing NM_017694
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCAGATGATAAAGTTGCTATCTTAACGGATGATGAAGAGGAACAGAAGAGAAAGTATGTGCTTGCAG
 ATCCCTTTAATGGTATTTCCAGGAACAGAACCACTTCGAATGAAACACCTTCTCCACAGAAACATC
 TGCTATTCTGAGGAGGAAATAGACTGGATAGAGAAACATTGTGTAAAGATAAAACAACGATCTTCTAATT
 TCCAAGGTCTTTATTTTTCTTTACTCTGCCTATGGCTCTCTCTATCCCTTTTGCCTGTGTATTACA
 AACAGCTGGGAATGTCTCAAGCCAGAGTGGACTACTAGTAGGTATTCGTTACTTCATTGAATTCGCGAG
 TGCCCCCTTTGGGGTGTAGTTGCAGACCGCTTTAAAAAGGCAAAATGTCTCTCTTTTCTTTTGT
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 GCCCAACAACACACCCACCAATGCAAGTCACCAAGTAACTATCTGCCAACAATTTCTCTTTACCTC
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 ATCGAAGTGCTCATCGATGGAAGGGGTGTAAGCCCCCGAGTACAGGAATTACCAGATCGTCTTCATCG
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 CCCCATGGAAGTTCTTCAAGGAGTGACACACGGGCCATCTGGGCAGCATGCATTTCTTACCTCAGTGCA
 GCCGTTCCCCCTGAGCTGAGGACATCTGCTCAGGGCATCTGCAGGGCCTTACCTGGGTTTGGGAAGAG
 GATGTGGTGCCATGATCGGAGGCGTGTTAGTCAATTATTTGGGGCTGCTGCAACCTTCCGAGGAATTGG
 CATGGCCTGCTTGGTGATCCTACTGCTCTTTGCCCTGATCCAGTGGCTGGCAGTGCCAGATGAGGAAGAA
 GACAAGACAATGTTGGCAGAAAGAAATCCTGTTCCCTCCAGTCCCGTTCTATAGCAACCATCGACTTGG
 TACAGCAACAGACAGAAGATGTCATGCCACGATTGAGCCAGACTTCCACCCAAGAAAACCTAAGCACCA
 GGAAGAACAGGAAGATGTGAACAAACAGCCTGGGGAGTCAGCTCTTCTCCCTGGGTGACCTTTGTCTAT
 GCACTCTACCAAATTAAGAGATGATGCAACTCACAAGAGACAACCGTGCTTCTGAGATACAGCCTTTAC
 AGGGGACCAATGAGAATAGGGAAAATTTCTCTGCTGGTAGAGCCAGCCTGTCCCATGTGAGACTCACTC
 TGACCCATCTAGAAACCAGCCATCCCTGACGCAGCAGCATCTCAGACGCAGACCAGCCCGCTCACCCC
 AGTGTGGACCCGTGCACAGAGGAGAGTGAAGAGCAGCAGGCTCAGCTGGCCGCGGAGGACAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219252 representing NM_017694 Red=Cloning site Green=Tags(s) MADDKVAILTDDEEEQKRKYVLADPFNGISREPEPPSNETPSSTETSAIPEEEIDWIEKHCVKINNDLLI SKVFFYFFYSAYGSLYPLLPVYKQLGMSPSQSGLLVGIRYFIEFCSAPFWGVVADRFKKGKIVLLFSL CWVLFNLGIGFVKPATLRCVPKIRPTTHPTNASHQLTILPTNSSFTSFLTISPKMREKRNLLTGLNVSD TVTLPATPNMNSEPTLQPQTGEITNRMDLTLNSSTATPVSPGSVTKETTTIVITTTKSLPSDQVMLVYD QQEVEAIFLVILVVIIGEFFSASSVTIVDTVTLQYLKGHRDRYGLQRMWGSGLWGLAMLSVGIGIDYTH IEVLIDGKGCKPPEYRNYQIVFIVFGLMTMALIVATQFRFRYNHFKNDDSKGKEVEIPQVERNSTESS EETPTTTSHSQAFNFWDLIKLLCSVQYGSVLFVAWFMGFYGFVFTFLYWHLEDLNGTTTLFGVCSVL SHVSELTAYFFSHKLIELIGHIRVLYIGLACNTARYIYISYLENAWTVLPMEVLQGVTHAAIWAACISYLSA AVPPELRTSAQGILQGLHLGLGRGCGAMIGGVLVNYFGAAATFRGIGMACLVILLFALIQWLAVPDEEE DKTMLAERIPVPSSPVPDIATIDLVQQQTEDVMPRIEPRLPKKTQHQQEEDVNKPAWGVSSSPWVTFVY ALYQIKEMMQLTRDNRASEIQPLQGTNENRENSPAGRAQVPCETHSDPSRNQPSPDAAASQTQTSPAHP SVDPCTEESEEQQAQLAAGGH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017694
ORF Size:	2373 bp
Buffer:	PBS with 0.001% Pluronic F7966
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_017694.2, NP_060164.2</u>
RefSeq Size:	4320 bp
RefSeq ORF:	2376 bp
Locus ID:	54842
UniProt ID:	<u>Q6ZSS7</u>
Cytogenetics:	2q32.2
MW:	87.9 kDa