

Product datasheet for **RC214472A1V**

Human MFSD2B (NM_001080473) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MFSD2B (NM_001080473) AAV Particle
Tag:	Myc-DDK
Symbol:	MFSD2B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC214472 representing NM_001080473
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCGCCCCCTGCACCAGCCGCCAAGGGTCCCCGCAGCCGGAGCCGCACGCCCCAGAGCCCGGCC
 CGGGGAGCGCCAAGCGAGGGCGAGAGGACAGCAGAGCCGGTCGCCTCTCATTCTGTACAAAGGTGTGCTA
 TGGCATTGGTGGGTCCCAACAGATAGCCTCCAGCGCCACAGCCTTTTACCTGCAGCTTTTCTGCTT
 GATATAGCACAGATCCCTGCCGCCAGGTGTCACTTGTCTGTTTGGGGAAAAGTGTCTGGGCGGCTG
 CTGACCCTGTGGCTGGGTCTTCATCAACAGGAGCCAGAGGACAGGGTCTGGACGGCTCATGCCTGGGT
 GCTGGGCTGCACCCCTTCATCGCCCTGGCCTACTTCTCCTGTGGTTCTGCCCCCTTACCAGCCTG
 CGAGGCCTCTGGTACGACTTTCTACTGCCTGTTCCAGGCCCTGGCCACGTTCTCCAGGTGCCCTACA
 CAGCGCTACCATGCTGCTGACTCCCTGCCAAGGGAGCGGGACTCGGCCACCGCTACCGGATGACTGT
 GGAGATGGCGGAACACTGATGGGGCCACTGTCCAGGGCTCATCGTGTCCGGCGCCACAGACCCAC
 AGGTGCGAGGCCACTGCGACCCCGGGGCCAGTCACTGTCTCCCGAATGCAGCCATCTCTACTGCATTG
 CGGCTGCCGTGGTTGTAGTGACTTACCCCGTGTGCATCAGTTTACTGTGCTAGGGGTGAAGGAGCGGCC
 AGACCCCTCTGCCCCAGCCTCAGGCCAGGCTTGAGTTTCTGGCTGGGCTGAGCCTCACTACCCGGCAC
 CCACCTACCTGAAGCTGGTGATCTCCTTCTGTTTCTCTGCTGCTGTTTCAAGTGGAGCAGAGCTACC
 TGGTCTGTTCTGTACACATGCCTCCAGCTACACGACCACGTCCAGGGCCTGGTACTAACTGTCTGGT
 CTCAGCCGTGCTGAGCACCCGCTGTGGGAGTGGGTCTCCAGCGCTTTGGGAAGAAGACGTGAGCCTTT
 GGGATCTTTGCGATGGTGGCCTTTGCGATCTTGCTGGCTGCTGTGCCACAGCACCTGTGGCATATGTCG
 TGGCCTTTGTATCTGGCGTGAGCATTGCTGTCTCTTGCTGCTACCCTGGTCCATGCTGCCAGAGTGGT
 GGATGACTTTTCAGCTGCAGACCGTCAAGGGCCAGGCCCTGGAGACCATCTTCTACTCTCTCTACGTCTTC
 TTCACCAAGCTGTCTGGCGCATGTGCCCTGGGCATCTCCACCCTCAGTCTGGAGTTCTCGGGGTATAAGG
 CAGGGGTCTGCAAGCAAGCAGAGGAGGTGGTGGTACCCTCAAAGTCTCATTGGCGCCGTGCCACCTG
 CATGATCCTTGTGGGCTCTGCATCCTCATGGTCGGCTCCACTCCAAAGACCCAGTCGGGACGCCTCC
 AGCCGGCTGAGCCTTCGGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214472 representing NM_001080473
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MAAPPAPAAKGSPPQPEPHAPEPGPSAKRGREDSRAGRLSFCTKVCYIGGVNPQIASSATAFYLLQLFLL
 DIAQIPAAQVSLVLFGGKVSGAAADPVAGFFINRSQRTGSGRLMPWVGCTPFIALAYFFLWFLPPFTSL
 RGLWYTTFYCLFQALATFFQVPYALTMLLTPCPRERDSATAYRMTVEMAGTLMGATVHGLIVSGAHRPH
 RCEATATPGPVTVPNAAHLYCIAAAVVVVTYPVCISLLCLGVKERPDPSAPASGPGLSFLAGLSLTTRH
 PPYLKLVISFLFISAAVQVEQSYLVLFCTHASQLHDHVQGLVLTVLVSAVLSTPLWEWVLQRFGKKTSAF
 GIFAMVPFAILLAAVPTAPVAYVAFVSGVSIAYSLLLPWSMLPDVDDFQLQHRHGPGLTIFYSSYVF
 FTKLSGACALGISTLSLEFSGYKAGVCKQAEVVVTLKVLIGAVPTCMLLAGLCILMVGSTPKTPSRDAS
 SRLSLRR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001080473

ORF Size:

1491 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_001080473.1</u> , <u>NP_001073942.1</u>
RefSeq Size:	1508 bp
RefSeq ORF:	1494 bp
Locus ID:	388931
Cytogenetics:	2p23.3
MW:	52.8 kDa