

Product datasheet for **RC200687A1V**

Human MFSD10 (NM_001120) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	MFSD10
Synonyms:	TETRAN; TETTRAN
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200687 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGATGGGGAGGGGGTGGAGGCTGCACCCCGCGCCACCCATCCACCAGCAGCCGGAGCGCCGCG
TGGTACCGTTGTCTTTCTCGGCCTCCTGCTGGACCTCCTGGCCTTACGCTGCTGCTGCCCTGCTGCC
CGGGCTGTTGGAGAGCCACGGCCGTGCCACGACCCCTCTATGGCTCCTGGCAGGGCGGGTGGACTGG
TTTGCCACCGCCATCGGGATGCCAGTGGAGAAGAGGTACAACAGTGTCTGTTTCGGAGGTCTCATTGGCT
CGGCATTCTCTGTCTGCGATTTCTGTGTGCGCCACTCACTGGGGCCACCTCTGACTGCTTGGGGAGGCG
CCCGGTGATGCTGCTGTGCCTGATGGGTGTGCCACCTCATATGCAGCTGCGGCCACCTCTCGGAGCTTT
GCGGCCCTTCTGGCCTCCAGGCTGATTGGGGGCATCAGCAAAGGGAACGTCAGCCTCTCCACGGCCATCG
TTGCTGACCTGGGCTCGCCTCTGGCCCGCAGTCAAGGCATGGCGGTATTGGGGTGGCCTTCTCACTGGG
CTTACCCCTGGGCCCTATGCTCGGAGCCTCCCTGCCCTGGAATGGCACCTGGTTTGGCCTGCTCTTC
GCAGCCTCCGACCTGCTGTTTCATCTTCTGCTTCTGCCAGAGACGCTGCCCTGGAGAAACGGGCGCCCT
CTATCGCCCTGGGGTTCGTGATGCGGCTGATCTGCTCAGCCCCCTGGCCCTGCTGCGCTTCTCGGCTGT
CGCTCGTGGCCAGGACCCACCTCTGGAGACAGGCTCAGCAGCCTGCGCCGCTGGGCTAGTCTACTTC
CTCTACCTCTTCTGTTCTCGGGCTGGAGTACACGCTGAGCTTCTCACACACCAGCGCTTCCAGTTCA
GTAGCTACAGCAGGGGAAGATGTTTTCTCATCGGCCTCACCATGGCCACCATCCAGGGTGCCTATGC
CCGGCGGATCCACCCTGGCGGGGAAGTTGCTGCCGTGAAGCGGGCCCTCCTGCTGCTGGTGGCCGCTTC
CTCCTCATCGGCTGGGACGTTCTCTGCCGCTGCTGGGCTGGGGCTGCTGCTACTCCTTTGCCGCCG
CCGTTGTGGTGCCTGCTGCTCCGTGGTGGTGGCTATGGCTACACAGGGCAGAAGGGCACGGTCAT
GGGTACACTGCGCAGCCTAGGTGCTCTGGCCAGGGCCGCGGGCCCTGGTGGCCGCTTCACTGTACTGG
CTGGCCGGGGCCAGGCTGCTTACCACGTGGTCCGGGCTCTTTTGCTCCCTTCTCTCTCTGCAGA
AGCTGAGTTACCCGGCACAGACGCTCAAGGCTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200687 protein sequence Red=Cloning site Green=Tags(s) MGWGGGGGCTPRPPIHQQPPERRVVTVVFLGLLDLLAFTLLLPLLPGLLESHGRAHDPLYGSWQGGVDW FATAIGMPVEKRYNSVLFGLIGSAFSLVQLFCAPLTGATSDCLGRRPVMLLCLMGVATSYAVWATSRSF AAFLASRLIGGISKGNVSLSTAIVADLGSPLARSQGMVIGVAFSLGFTLGPMLGASLPLEMAPWFALLF AASDLLFIFCFLPETLPLEKRAPSIALGFRDAADLLSPLALLRFSAVARGQDPPSGDRLSSLRRLGLVYF LYLFLFSGLEYTLSFLTHQRFQFSSLQQGKMFFLIGLTMATIQGAYARRIHPGGEVAAVKRALLLVPAF LLIGWGRSLPVLGLGLLLYSFAAAVVVPCLSVVVAGYGSPGQKGTVMGTLRSLGALARAAGPLVAASVYW LAGAQACFTTWSGLFLLPFLLQKLSYPAQTLKAE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001120
ORF Size:	1365 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_001120.2</u>
RefSeq Size:	1969 bp
RefSeq ORF:	1368 bp
Locus ID:	10227
UniProt ID:	<u>Q14728</u>
Cytogenetics:	4p16.3
MW:	48.3 kDa