

Product datasheet for **RC224600A1V**

Human MFI2 (MELTF) (NM_005929) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MFI2 (MELTF) (NM_005929) AAV Particle
Tag:	Myc-DDK
Symbol:	MFI2
Synonyms:	CD228; MAP97; MFI2; MTF; MTF1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC224600 representing NM_005929
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGGGTCGAGCGGGGCTCTGTGGCTGCTCCTGGCTCTGCGCACCGTGCTCGGTGGCATGGAGGTGC
 GGTGGTGCGCCACCTCGGACCCAGAGCAGCACAAAGTGCAGCAACATGAGCGAGGCCTTCCGGGAAGCGGG
 CATCCAGCCCTCCCTCCTCTGCGTCCGGGGCACCTCCGCCGACCACTGCGTCCAGCTCATCGCGGCCAG
 GAGGCTGACGCCATCACTCTGGATGGAGGAGCCATCTATGAGGCGGAAAGGAGCACGGCCTGAAGCCGG
 TGGTGGGCGAAGTGTACGATCAAGAGGTCGGTACCTCCTATTACGCCGTGGCTGTGGTACGAGGAGCTC
 CCATGTGACCATTTGACACCTGAAAGGCGTGAAGTCTGCCACACGGGCATCAATCGCACAGTGGGCTGG
 AACGTGCCCGTGGGCTACCTGGTGGAGAGCGGCCGCTCTCGGTGATGGGCTGCGATGTACTCAAAGCTG
 TCAGCGACTATTTTGGGGCAGCTGCGTCCCGGGGCGAGGAGAGACCAGTTACTCTGAGTCCCTCTGTCTG
 CCTCTGACGGGTGACAGCTCTGGGAAGGGGTGTGTGACAAGAGCCCCCTGGAGAGATACTACGACTAC
 AGCGGGGCCTTCCGGTGCCTGGCGGAAGGGGCAGGGGACGTGGCTTTTGTGAAGCACAGCACGGTACTGG
 AGAACACGGATGGGAAGACGCTTCCCTCCTGGGGCCAGGCCCTGCTGTACAGGACTTCGAGCTGCTGTG
 CCGGGATGGTAGCCGGGCCGATGTACCGAGTGAGAGGACAGTGCCATCTGGCCCGGGTGCCTGCTCACGCC
 GTGGTGGTCCGGGCCGACACAGATGGGGCCCTCATCTCCGGCTGCTCAACGAAGGCCAGCGTCTGTTCA
 GCCACGAGGGCAGCAGCTTCCAGATGTTAGCTCTGAGGCCTATGGCCAGAAGGATCTACTCTTCAAAGA
 CTCTACCTCGGAGCTTGTGCCATCGCCACACAGACCTATGAGGCGTGGCTGGGCCATGAGTACCTGCAC
 GCCATGAAGGGTCTGCTCTGTGACCCCAACCGGCTGCCCCCTACCTGCGCTGGTGTGTCTCTCACTC
 CCGAGATCCAGAAGTGTGGAGACATGGCCGTGGCTTCCGCCGCGCAGCGGCTCAAGCCAGAGATCCAGTG
 CGTGTACGCCAAGTCCCCCAACACTGCATGGAGCGGATCCAGGCTGAGCAGGTCGACGCTGTGACCCCTG
 AGTGGCGAGGACATTTACACGGCGGGGAAGACGTACGGCCTGGTTCGCCGAGCCGGGAGCACTATGCC
 CGGAAGACAGCAGCAACTCGTACTACGTGGTGGCGTGGTGGAGCGGGACAGCTCCACGCCCTTACCTT
 GGATGAGCTTCCGGGCAAGCGCTCCTGCCACGCCGTTTCGGCAGCCCTGCAGGCTGGGATGTCCCCGTG
 GGTGCCCTTATTCAGAGAGGCTTCATCCGGCCCAAGGACTGTGACGTCTCACAGCAGTGAGCGAGTTCT
 TCAATGCCAGCTGCGTGCCCGTGAACAACCCCAAGAACTACCCCTCCTCGCTGTGTGCACTGTGCGTGGG
 GGACGAGCAGGCGCGCAACAAGTGTGTGGCAACAGCCAGGAGCGGTATTACGGCTACCGCGCGCCTTC
 AGGTGCCTGGTGGAGAATGCGGGTGACGTTGCCTTCGTCAGGCACACAACCGTCTTTGACAACACAAACG
 GCCACAATTCGAGCCCTGGGCTGCTGAGCTCAGGTGAGAGGACTATGAACTGCTGTGCCCAACGGGGC
 CCGAGCCGAGGTGTCCAGTTTGCAGCTGCAACCTGGCACAGATACCACCCACGCCGTGATGGTCCGG
 CCCGACACCAACATCTTACCGTGATGGACTGCTGGACAAGGCCAGGACCTGTTTGGAGACGACCACA
 ATAAGAACGGGTTCAAATGTTGACTCCTCCAATATCATGGCCAAGACCTGCTTTTCAAGGATGCCAC
 CGTCCGGGCGGTGCCTGTGAGAGAGAAAACCACTACCGCGGCTGGCTGGGGCTGGACTACGTGGCGGCG
 CTGGAAGGGATGTCGTCTCAGCAGTGTCTGGGCGCAGCGGCCCGGCGCCCGGGGCGCCCTGCTCCCGC
 TGCTGTGCCCGCCCTCGCCGCCCGCTGCTCCCGCCCGCCCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC224600 representing NM_005929 Red=Cloning site Green=Tags(s) MRGPSGALWLLALRTVLGGMEVRWCATSDPEQHKCGNMSEAFREAGIQPSLLCVRGTSADHCVQLIAAQ EADAITLDGGAIEAGKEHGLKPVVGEVYDQEVGTSYYAVAVRRSSHVTIDTLKGKSCHTGINRTVGW NVPVGYLVESGRLSVMGCDVLKAVSDYFGGSCVPGAGETSYSESLCRLCRGDSSGEGVCDKSPLERYDY SGAFRCLAEGAGDVAFVKHSTVLENTDGKTLPSWGQALLSQDFELLCRDGSRADVTEWRQCHLARVPAHA VVVRADTDGGLIFRLLNEGQRLFSHEGSSFQMFSSSEAYGQKDLLFKDSTSELVPIATQTYEAWLGHEYLH AMKGLLCDPNRLPPYLWCVLSTPEIQKCGDMAVAFRRQRLKPEIQCVSAKSPQHMERIQAEQVDAVTL SGEDIYTAGKTYGLVPAAGEHYAPEDSSNSYVVAVVRRDSSHAFTLDELRGKRSCHAGFGSPAGWDVPV GALIQRGFIIRPKDCDLTAVSEFFNASCVPVNNPNYPSSLCALCVGDEQGRNKCVCNSQERYYYGYRGAF RCLVENAGDVAFVRHTTVFDNTNGHNSEPWAAELRSEDYELLCPNGARAEVSQFAACNLAIQIPPHAVMVR PDTNIFTVYGLLDKAQDLFGDDHNKNGFKMFDSSNYHGQDLLFKDATVRAVPVGEKTTYRGWGLDYVAA LEGMSSQQCSGAAAPAPGAPLLPLLLPALAARLLPPAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005929
ORF Size:	2214 bp
Buffer:	PBS with 0.001% Pluronic F8827
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:	NM_005929.3
RefSeq Size:	2377 bp
RefSeq ORF:	2217 bp
Locus ID:	4241
UniProt ID:	P08582
Cytogenetics:	3q29
MW:	80.21 kDa