

Product datasheet for **MR210378A1V**

Mouse Meltf (NM_013900) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Meltf (NM_013900) AAV Particle
Tag:	Myc-DDK
Symbol:	Meltf
Synonyms:	CD228; Mfi2; MTf
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210378 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCTCTGAGCGTGACTTTTTGGCTACTCCTGTCCCTGCGCACTGTCGTCTGTGTGATGGAGGTGC
 AGTGGTGATACCATCTCAGACGCAGAGCAGCAGAAGTGCAAAGACATGAGCGAGGCCTTCCAGGGAGCTGG
 CATTTCGTCTTCCCTTCTCTGCGTCCAGGGCAACTCCGCTGACCACTGTGTCCAGCTCATCAAGGAACAA
 AAAGCAGATGCCATCACCTGGATGGAGGGGCCATCTATGAGGCAGGGAAGGAGCACGGCCTGAAGCCAG
 TGGTGGGGGAAGTCTATGACCAAGACATTGGGACTTCTATTATGCCGTGGCTGTGGTACGAGGAATTC
 CAATGTTACCATCAACACCTGAAGGGCGTCAAGTCTGCCACACAGGCATTAACCGGACTGTGGCTGG
 AACGTGCCTGTCGTTACCTCGTAGAGAGCGGCCATCTGTCAGTGATGGGCTGTGATGTGCTCAAAGCCG
 TTGGTGATTATTTGGAGGCAGCTGTGTCCCTGGAACAGGAGAAACCAGCCATTCGAGTCCCTCTGTCTG
 CCTCTGCCGTGGCGACTTCTGGGCACAATGTGTGTGACAAGAGTCCCTAGAGAGATACTACGACTAC
 AGTGGAGCCTTCCGGTGCCTGGCGGAAGGAGCCGGTGACGTGGCCTTCGTGAAGCACAGCACAGTGCTGG
 AAAATACTGATGGAAACACCCTGCCTTCTGGGGCAAGTCCCTGATGTGAGAGGACTTCCAGCTACTATG
 CAGGGATGGCAGCCGAGCCGACATCACTGAGTGAGAGCGTTGCCACCTGGCCAAGGTGCCTGCTCATGCT
 GTGGTGGTCAGGGGTGACATGGATGGCGGTCTCATATTCAACTGCTCAACGAAGGCCAGCTTCTGTTCA
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 CTCCACCTTGGAGCTTGTGCCATTGCCACACAGAATATGAGGCCTGGCTGGGCCAGGAATACCTGCAG
 GCCATGAAGGGGCTCCTCTGTGATCCCAACCGGCTGCCCCACTACCTGCGCTGGTGTGTGCTGTGAGCGC
 CCGAGATCCAGAAGTGTGGAGATATGGCTGTGGCCTTCAGCCGCCAGAATCTCAAGCCGGAATTCAGTG
 TGTGTGCGGCCGAGTCCCCTGAGCACTGCATGGAGCAGATCCAGGCTGGGCACACTGACGCTGTGACTCTG
 AGGGGCGAGGACATTTACAGGGCAGGAAAGGTGTACGGCCTGGTTCGGCGGCCGGGAGCTGTATGCTG
 AGGAGGACAGGAGCAATTCCTACTTTGTGGTGGCTGTGGCAAGAAGGGACAGCTCCTACTCCTTACCCT
 GGACGAGCTTCGCGGCAAGCGTTCCTGCCACCCTACTTGGGCAGCCCAGCGGGCTGGGAGGTGCCCATC
 GGCTCCCTCATCCAGCGGGGCTTCATCCGGCCCAAGGACTGTGATGTCCTCACAGCGGTGAGCCAGTTCT
 TCAATGCCAGCTGCGTGCCTGTCAACAACCTAAGAACTACCCTTCCGCACTATGTGCGCTCTGCGTGGG
 AGACGAGAAGGGCCGCAACAAATGTGTGGGAGCAGCCAGGAGAGATACTACGGCTACAGCGGGCCTTC
 AGGTGCCTTGTGAGCATGCAGGGGACGTGGCTTTCGTCAGCACACGACTGTCTTTGAGAACACAAATG
 GTCACAATCCTGAGCCTTGGGCTTCTACCTCAGGTGGCAAGACTATGAACTACTGTGCCCAATGGGGC
 ACGGGCTGAGGTAGACCAGTTCCAAGCTTGCAACCTGGCACAAATGCCATCCCACGCTGTGATGGTCCGT
 CCAGACACCAACATCTTCACTGTGTATGGACTTCTGGACAAGGCCAGGACCTGTTTGGAGACGACCATA
 ACAAGAACGGTTTCCAAATGTTTGACTCCTCCAAATATCACAGCCAAGACCTGCTTTTCAAAGATGCTAC
 AGTCCGAGCGGTGCCAGTCCGGGAGAAAACCATACCTGGACTGGCTGGGTCTGACTATGTGGTTGCG
 CTGGAGGGGATGTTGTCTCAGCAGTGCTCCGGTGCAGGGGCCGGGTGCAGCGAGTCCCCTGCTGGCCC
 TGCTCTGCTGACCCTGGCTGCAGGCCTCCTTCTCGCGTTCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210378 protein sequence Red=Cloning site Green=Tags(s) MRLLSVTFWLLLSLRTVVCVMEVQWCTISDAEQKCKDMSEAFQGAGIRPSLLCVQGNSADHCVQLIKEQ KADAITLDGGAIEAGKEHGLKPVVGEVYDQDIGTSYYAVAVRRNSNVTINTLKGKSCHTGINRTVGW NVPVGYLVESGHL SVMGCDVLKAVGDYFGGSCVPGTGETSHSESLCRLCRGDSSGHNVCDSPLERYYYDY SGAFRCLAEGAGDVAFVKHSTVLENTDGNLTPSWGKSLMSEDFQLLCRDGSRADITEWRRCHLAKVPAHA VVVRGDMDGGLIFQLLNEGQLLFSHEDSSFQMFSSKAYSQKNLLFKDSTLELVPIATQNYEAWLGQEYLQ AMKGLLCDPNRLPHYLRWCVLSAPEIQKCGDMAVAFSRQNLKPEIQCVSAESPEHCMEQIQAGHTDAVTL RGEDIYRAGKVYGLVPAAGELYAEEDRSNSYFVVAVARRDSSYSFTLDELRGKRSCHPYLGSPAGWEVPI GSLIQRGFIRPKDCDVL TAVSQFFNASCVPVNNPKNYP SALSALCVGDEKGRNKC VGSSQERYYYGSGAF RCLVEHAGDVAFVKHTTVFENTNGHNPEPWASHLRWQDYELLCPNGARAEVDQFQACNLAQMPSHVMVR PDTNIFTVYGLLDKAQDLFGDDHNKNGFQMFSSKYHSQDLLFKDATVRAVPVREKTTYLDWLGPDYVVA LEGMLSQQCSGAGAAVQRVPLLALLLLTLAAGLLPRVL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_013900
ORF Size:	2214 bp
Buffer:	PBS with 0.001% Pluronic F1469
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_013900.2, NP_038928.1</u>
RefSeq Size:	4133 bp
RefSeq ORF:	2217 bp
Locus ID:	30060
UniProt ID:	<u>Q9R0R1</u>
Cytogenetics:	16 B2
MW:	81.3 kDa