

Product datasheet for **RC219636A1V**

Human TMEM180 (MFSD13A) (NM_024789) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TMEM180 (MFSD13A) (NM_024789) AAV Particle
Tag:	Myc-DDK
Symbol:	TMEM180
Synonyms:	bA18l14.8; C10orf77; TMEM180
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219636 representing NM_024789
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGCTGGGTGAGCCAGGCTGGTTGCTGGGTCTGCCCACAGCTGTGGTCTATGGCTCCCTGGCTC
 TCTTACCACCATCTGCACAATGTCTTCTGCTCTACTATGTGGACACCTTTGTCTCAGTGACAAAGAT
 CAACAAATGGCTTCTGGGTGCGAGAGACAGTGTCTCTCTGGAACAGCCTCAATGACCCTCTCTTC
 GGTTGGCTCAGTGACCGGCGAGTTCCTCAGCTCCAGCCCGGTGAGGCGCGGGCTCTCTCAAGGGCTG
 TGGTGTGGCCCGGTGAGGCCCTGGGTGGCATGGGCCGTGCTGGCGCTGCTGTTCTGGCTTCTG
 GGTGCCCTGGGCCCCAGCTGGCTGCAGTTCCTGCTGTGCTGTGCTCTATGATGGCTTCTGACGCTC
 GTGGACCTGCACCATGCCTGCTGGCGACCTGGCCCTCTCAGCCACGACCGCACCACCTCAACT
 TCTACTGCTCCCTCTCAGCGCGCGGCTCCCTCTCTGTCTTTGCATCTATGCCTTTTGAACAAGGA
 GGATTTCTCTCTTCCGCGCTTCTGCGTGACACTGGCTGTGAGCTCTGGGCTGGGCTTCTGGGGGCC
 ACACAGCTGCTGAGGCGCGGGTTGAGGCGGCCGAAAGACCCAGGGTCTCAGGCCTGGTTGTGGATA
 GCGGCCTGTGTGAGAGGAGCTGCTTGTGGGAGTGAGGAGGCGGACAGCATCACCTTGGGCCGGTATCT
 CCGGACGCTGGCAGCCATCGGAACCTTCTGTGGTTCTGTGAGCATGGACCTGGTGAGGTCTTCCACTGC
 CACTTCAACAGCAACTTCTTCCCTCTCTTCTGGAGCATCTGTTGTCCGACCATATCTCCCTTTCCACGG
 GCTCCATCTGTTGGGCTCTCTATGTGCTCCCATCTCAACAACCTCTACTTCTGTCCCTGTGCCG
 GCGCTGGGGCTCTACGCGGTGGTGGGGGCTCTTCTGCTCAAGCTGGGACTTAGCCTGCTCATGTTG
 TTGGCCGGCCCGACCACTCAGCCTGCTGTGCTCTTATTGCCAGCAACCGCTTCTCACTGAGGGCA
 CCTGTAAGCTGCTGACCTTGGTGGTCACTGACCTGGTAGACGAGGACCTGGTGTGAACCAACCGCAAGCA
 GGCAGCCTCGGCACTCTCTTTGGCATGGTTGCCTTGGTGACCAAGCCAGGCCAGACCTTTGCCCGCTG
 CTGGGCACCTGGCTGCTGTTTCTACACAGGTCATGACCTCTTCCAGCAGTCCCTCATAACCCCTGTGG
 GGAGTGCCCATCCCTGGCCAGAGCCCCAGCTCCAGCCCTGCACAGGCCCGACGCTCCGCCAGGGCTG
 CTTCTACCTGCTGGTGTGGTGGCCATCACCTGTGCTGTGCTGACGCTTTCACCTGGTCCAGTTCACG
 CTGCATGGGAGACGCTGCACATGGTCAAGGCCAGCGCCAGAACCTGTACAGGCCCAAACCTGGATG
 TTAAGATGGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219636 representing NM_024789
 Red=Cloning site Green=Tags(s)

MGLGQPQAWLLGLPTAVVYGLSLFHTILHNVFLLYYVDTFVSVYKINKMAFWVGETVFLLWNSLNDPLF
 GWLSDRQFLSSQPRSGAGLSSRAVVLARVQALGWHGPLLALSFLAFWVPWAPAGLQFLCLCLYDGFLL
 VDLHHHALLADLALSAHDRTHLNFYCSLFSAGSLSVFASYAFWNKEDFSSFRAFCVTLAVSSGLGFLGA
 TQLLRRRVEAARKDPGCSGLVVDGSLGCEELLVGSEEDSITLGRYLRLARHRNFLWFVSMDLVQVFHC
 HFNSNFFPLFLEHLLSDHISLSTGSILLGLSYVAPHLNNLYFLSLCRRWGVYAVVRGLFLLKGLSLLML
 LAGPDHLSLLCLFIASNRVFTGCTCKLLTLVTDLVDEDLVLNHRKQAASALLFGMVALVTKPGQTFAPL
 LGTWLLCFYTGHDLFQQLITPVGSAHPWPEPPAPAPAQPTLRQGC FYLLVLVPITCALLQLFTWSQFT
 LHGRRLHMKVKAQRQNL SQAQTL DVK MV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024789

ORF Size:

1551 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_024789.2, NP_079065.2</u>
RefSeq Size:	2846 bp
RefSeq ORF:	1554 bp
Locus ID:	79847
UniProt ID:	<u>Q14CX5</u>
Cytogenetics:	10q24.32
MW:	57.2 kDa