

Product datasheet for RC225729A1V

Human TMEM118 (RNFT2) (NM_001109903) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	TMEM118
Synonyms:	TMEM118
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC225729 representing NM_001109903 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGGCTCTTCACAGTGAATCAGGTGTTAAGGAAGATGCAGAGACGCCACAGCAGCAACACGGATAACA
TTCCACCTGAAAGAAACCGCAGCCAGGCGCTCAGCTCCGAGGCGAGTGTGGATGAAGGTGGCGTCTTTGA
GAGTCTGAAGGCAGAGGCAGCCTCCCCACAGCGCTTCTCGGGCTTATCAGGCAGCCTCCCCACAGC
TCGTTCCCTCCAGCCTGGTGTCTGGCTCCTCGGCTGGCGGCGGGACGTGTTTCATCCAGATGCCCGCGT
CCAGGGAGGAAGGAGGGGGCGGGGCGAGGGGGCGCCTACCACCACCGCCAGCCCCACCATTTCCA
CCATGGCGGCCACCGGGGGGCTCCTGCTGCAGCAGTGGTGGGACCACCGGGGCACTCGGAGGAG
GGAGGCGACGAGCAGCCTGGGACGCCCGCCCCGCCCTGTCCGAGCTGAAGGCTGTGATCTGCTGGCTCC
AGAAAGGACTCCCCTTCATCCTGATCCTCTGGCCAACTGTGCTTTCAGCATAAGCTCGGCATTGCTGT
GTGCATCGGGATGGCCAGCACCTTCGCCTATGCCAACTCCACGCTTCGAGAACAGGTCTCACTGAAGGAG
AAGAGGTCACTGCTGGTCACTTGTGGATCCTGGCCTTCTGGCGGGAAACCCCTCTATGTGCTTTATA
CATTACAGCTCCAGCAGCTGTACAACAGCCTCATATTCCTGAAGCCCAACCTGGAGATGCTGGACTTCTT
TGACCTGCTATGGATTGTGGGATCGCAGACTTGTCTGAAGTACATCACCATCGCCCTCAAGTGCCTC
ATCGTGGCCTGCCAAGATCATCCTGGCTGTCAAGTCCAAGGAAAGTTCTATCTGGTCACTCGAGGAGC
TGAGCCAGCTGTTCCGATCCCTTGTCCCCATCCAGCTGTGGTACAAATACATCATGGGTGACGACTCCTC
CAACAGCTACTTCTGGCGGGGTCTGATCGTTCTCTACAGCCTCTGCAAGTCTTCGACATCTGTGGA
CGTGTGGGCGGAGTTAGGAAAGCCCTGAAGCTTCTGTACCTCTCAGAACTATGGAGTCCGAGCCACCG
GGCAGCAGTGCACAGAAGCTGGTGACATCTGCGCATCTGTCAGGCCGAGTCCGAGAGCCTCTGATTCT
CCTGTGCCAGCACGTGTTCTGTGAGGAGTGCCTCTGCCTGTGGCTGGACCGTGAGCGCACCTGCCGCTC
TGCCGCTCGGTGCGGTGGACACCTGCGCTGCTGGAAGGACGGCGCCACGTCCGCACACTTCAGGTGT
AC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225729 representing NM_001109903 Red=Cloning site Green=Tags(s) MWLFTVNQVLRKMQRHSSNTDNIPPERNRSQALSSEASVDEGGVFESLKAEASPPALFSGLSGSLPTS SFPSSLVLGSSAGGQDVFQMPASREEGGGRGEGGAYHHRQPHHHFHHGGHGGSLQLQHVGGDHRGHSEE GGDEQPGTPAPALSELKAVICWLQKGLPFILILLAKLCFQHKLGIAVCIGMASTFAYANSTLREQVSLKE KRSLVILWILAFLAGNTLYVLYTFSSQQLYNSLIFLKPNEMLDFFDLLWIVGIADFVLKYITIALKCL IVALPKIILAVKSKGKFYLVIEELSQLFRSLVPIQLWYKYIMGDDSSNSYFLGGVLIVLYSLCKSFDICG RVGGVRKALKLLCTSQNYGVRATGQQCTEAGDICAICQAEFREPLILLCQHVFCEECLCLWDRERTCPL CRSVAVDTLRCWKDGATSAHFQVY TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001109903
ORF Size:	1332 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_001109903.1, NP_001103373.1</u>
RefSeq ORF:	1335 bp
Locus ID:	84900
UniProt ID:	<u>Q96EX2</u>
Cytogenetics:	12q24.22
MW:	48.8 kDa