

Product datasheet for **RC207732A1V**

Human MTMR14 (NM_001077525) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MTMR14 (NM_001077525) AAV Particle
Tag:	Myc-DDK
Symbol:	MTMR14
Synonyms:	C3orf29
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207732 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCCGGCGCTCGGGCCGCCGCCGCTGCCTCGGCGGGTCTCGGCCTCTTCAGGCAACCAGCCGC
CTCAGGAGCTGGGGCTTGGGGAGCTGCTGGAGGAGTTCTCCCGACTCAGTACCGGGCCAAGGATGGCAG
CGGGACCGCGGCTCTAAGGTTGAGCGCATTGAGAAGAGATGTCTGGAGCTGTTTGGCCGAGACTACTGT
TTCAGCGTGATTCCAACACGAATGGGGATATCTGTGGCCACTATCCCGGCACATCGTGTTCCTGGAGT
ATGAGAGTTCTGAGAAGGAGAAAGACACGTTTGGAGTACCGTACAGGTGAGCAAGTTGCAAGACCTCAT
CCACCGCAGCAAGATGGCCCGGTGCAGAGGACGTTTGTCTGCCAGTAATCCTGTTCAAGGGCAAGCAC
ATTTGCAGGTCCGCCCACTGGCTGGATGGGAGAGCTGTATGGACGCTCAGGCTACAATATTTTTTCT
CAGGGGGTGCAGATGATGCTTGGGCAGATGTGGAGGACGTACGGAGGAGGACTGTGCTCTCGAAGTGG
TGACACGCATCTTTTGTATAAGGTGAGGGCTATGACATCAAGCTGCTTCGATACCTGTCAGTCAATAC
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ATATAAAGATCGGGATTACATGGCAGAAGGGCTCATATTTAACTGGAAGCAGGACTACGTTGATGCCCA
TTGAGCATCCCGACTTCTGACTCACTCTCTGAACATTGACTGGAGCCAGTATCAGTGTGGGACTCTGG
TGCAACAAACAAAACTACCTGAAGCTGCTGCTTTCCTTAGTTAACAGTGATGATGACAGCGGGCTGCT
GGTACACTGTATCTCAGGCTGGGATCGGACCCCTCTCATCTCCCTCCTGCGCCTTTCCTTGTGGGCT
GATGGGCTCATCCACAGTCCCTGAAGCCCACTGAGATCCTCTACCTCACTGTGGCCTATGACTGGTTCC
TCTTCGGGCACATGTTGGTAGATCGGCTCAGCAAAGGGGAGGAGATTTTCTTCTCTGCTTCAATTTTT
GAAGCATATTACCTCCGAGGAGTTCTCTGCTCTGAAGACCCAGAGGAGGAAGAGTTTGCCAGCCCGGAT
GGAGGCTTACCTGGAAGACATCTGCATGCTGAGACGAAAGGACCGTGGCAGCACCACAGCCTTGGCA
GCGACTTCTCCCTGGTCATGGAGAGTTCCCGAGGAGCCACTGGGAGCTTACCTATGAGGCCGTGGAGCT
GGTCCAGCAGGAGCGCAACTCAGGCAGCTTGGAGGAAGAGCCACTCATCTCTCCACAGAGTGTCTCT
TGGAACCGGCCACAACCCTCAGAGGACCGCTTGCCTTCCAGCAGGGGCTGGCGGAAGCCAGGTCTTCCA
GCTCCTCTTCTCAAACATTCTGATACTTTTTCAGGATGGGTAGCAGTCCCTGGAGGTCCCCAAACC
CAGATCAGTGGACCATCCCTGCCCGGATCCTCTCTCTCCACAGACTATGGCAGCTGGCAGATGGTAACG
GGCTGTGGCAGTATTCAGGAGCGGGCTGTCTGCACACAGACTCCTCTCTCCCTTTCAGCTTCCCGGATG
AGCTCCCTAACAGTTGTCTGCTTGCAGCCCTGAGTGATCGAGAGACTCGGCTGCAGGAGGTGCGCTCAGC
CTTCTTGGCTGCGTACAGCAGCACAGTGGGGCTTCGGGCAGTAGCCCCAGTCTTCCGGTGCCATCGGG
GGCCTGCTGGAGCAATTTGCCCGTGGTGTGGACTCCGGAGCATCAGCAGCAATGCCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207732 protein sequence Red=Cloning site Green=Tags(s) MAGARAAAAASAGSSASSGNQPPQELGLGELLEEFSTQYRAKDGGSGTGGSKVERIEKRCLELFGRDYC FSVIPNTNGDICGHYPRHIVFLEYESSEKEKDTFESTVQVSKLQDLIHRSKMARCRGRFVCPVILFKGKH ICRSATLAGWGELYGRSGYNYFFSGGADDAWADVEDVTEEDCALRSGDTHLFDKVRGYDIKLLRYLSVKY ICDLMVENKKVKFGMNVTSSEKVDKAQRYADFTLLSIPYPGCEFFKEYKDRDYMAEGLIFNWKQDYVDAP LSIPDFLTHSLNIDWSQYQCWDLVQQTQNYLKLLLSLVNSDDDSGLLVHCISGWDRTPLFISLLRLSLWA DGLIHTSLKPTIILYLTVAYDWFLFGHMLVDRLSKGEEIFFCFNFKHITSEEFSAKLTQRRKSLPARD GGFTLEDICMLRRKDRGTTSLGSDFLVMESSPGATGSFTYEAVELVPAGAPTQAARWKS HSSSPQSVL WNRQPSEDRLPSQQGLAEARSSSSSSNHSNFFRMGSSPLEVPKPRVDHPLPGSSLTDYGSWQMT GCGSIQERAVLHTDSSLPFSFPDELNSCLLAALSDRETRLQEVSAFLAAYSSTVGLRAVAPSPSGAIG GLLEQFARGVGLRSISSNAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001077525
ORF Size:	1950 bp
Buffer:	PBS with 0.001% Pluronic F6121
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_001077525.1</u>
RefSeq Size:	2536 bp
RefSeq ORF:	1953 bp
Locus ID:	64419
UniProt ID:	<u>Q8NCE2</u>
Cytogenetics:	3p25.3
MW:	72.2 kDa