

Product datasheet for **RC227926A1V**

Human MTFR1 (NM_001145838) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MTFR1 (NM_001145838) AAV Particle
Tag:	Myc-DDK
Symbol:	MTFR1
Synonyms:	CHPPR; FAM54A2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227926 representing NM_001145838 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCTTGGCTGGATTAAGCGCCTAATTAGGATGGTTTTTCAACAAGTTGGAGTAAGCATGCAATCGATTA
ACAGCCATGCAACAGAATGGAGTCCCAGCCACCCAGGAGAGGATGCAGTGGCGTCTTTTGCTGATGTTGG
ATGGGTAGCCAAAGAAGAAGGAGAGTGTTCAGCAAGACTAAGGACAGAGGTCAGATCAAGGCCACCCCTT
CAGGATGACCTTCTTTTCTTTGAGAAGGCCCAAGCAGACAGATTTCTTACCAGACTTGTCTCAAGAAG
AGCCTCAGCTGAAGACCCAGCGCTGGCAAATGAGGAAGCACTGCAGAAGATTTGCGCTCTCGAAATGA
ACTTGCTGCTCTCAGAGCTCAGATTGCCAAAATTGTGACCCAGCAGGAGCAGCAAAATCTCACTGCAGGT
GACTTAGATTCTACCACATTTGGTACCATACCACCACACCCTCCACCTCCCCACCGCCCTGCCTCCCC
CTGCACTGGGGCTCCACCAAAGTACATCTGCTGTTGATCTGATTAAGAACGAAGAGAGAAAAGAGCCAA
TGCTGGAAGACTTTGGTTAAGAACAATCCAAAGAAACCTGAAATGCCAAATATGCTAGAGATCCTTAA
GAGATGAACAGTGTAAGAACTTCGGTCAGTGAAGAGGTCAGAGCAAGATGTGAAGCCCAAGCCAGTGGATG
CTACTGACCTGCTGCCCTCATAGCAGAGGCTCTGAAAAAGAAATTTGCTTATCGGTATCGAAGTGATAG
CCAAGATGAAGTTGAAAAAGGAATTCAAAGTCTGAATCAGAGGCCACCTCAGAGAGAGTGTTGTTGGG
CCACACATGTTGAAGCCAACAGGAAAAATGAAGGCTTTAATTGAAATGTATCAGACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC227926 representing NM_001145838 Red=Cloning site Green=Tags(s) MLGWIKRLIRMVFQQVGVSMSINSHATEWSPSHPGEDAVASFADVGWVAKEEGEC SARLRTEVRSRPPL QDDLFFFEKAPSRQISLPDLSQEELKTPALANEEALQKICALENELAAALRAQIAKIVTQQEQQLTAG DLDDSTTFGTIPHPPPPPPLPPPALGLHQSTSAVDLKERREKRANAGKTLVKNNPKKPEMPNMLEILK EMNSVKLRSVKRSEQDVKPKPVDATDPAALIAEALKKKFAYRYRSDSQDEVEKGIPKSESEATSERVLFG PHMLKPTGKMKALIENVSDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001145838
ORF Size:	900 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_001145838.1, NP_001139310.1</u>
RefSeq ORF:	903 bp
Locus ID:	9650
UniProt ID:	<u>Q15390</u>
Cytogenetics:	8q13.1
MW:	33 kDa