

Product datasheet for **RC203648A1V**

Human TM9SF4 (NM_014742) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TM9SF4 (NM_014742) AAV Particle
Tag:	Myc-DDK
Symbol:	TM9SF4
Synonyms:	dj836N17.2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203648 representing NM_014742
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGTGAAACAAGCGCCTTCTATGTGCCTGGGGTCGCGCCTATCAACTCCACCAGAACGATCCCGTAG
 AAATCAAGGCTGTGAAGCTCACCAGCTCTGAACCCAGCTACCTTATGAATACTATTCAGTGCCTTCTG
 CCAGCCCAGCAAGATAACCTACAAGGCAGAGAATCTGGGAGAGGTGCTGAGAGGGACCGGATTGTCAAC
 ACCCCTTTCCAGGTTCTCATGAACAGCGAGAAGAAGTGTGAAGTTCTGTGACGCCAGTCCAACAAGCCAG
 TGACCCTGACAGTGGAGCAGAGCCGACTCGTGGCCGAGCGGATCAGAGAAGACTACTACGTCCACCTCAT
 TGCTGACAACCTGCCTGTGGCCACCCGGCTGGAGCTCTACTCCAACCGAGACAGCGATGACAAGAAGAAG
 GAAAAAGATGTGCAGTTTGAACACGGCTACCGGCTCGGCTTACAGATGTCAACAAGATCTACCTGCACA
 ACCACCTCTCATTATCCTTTACTATCATCGGAGGACATGGAAGAGGACCAGGAGCACAGTACCGTGT
 CGTCCGCTTCGAGGTGATTCCCCAGAGCATCAGGCTGGAGGACCTCAAAGCAGATGAGAAGATTCTGTGC
 ACTCTGCCTGAGGGTACCAACTCCTCGCCCCAAGAAATTGACCCACCAAGGAGAATCAGCTGTACTTCA
 CCTACTCTGTCCACTGGGAGGAAAGTGATATCAATGGGCCTCTCGCTGGGACACTTACCTGACCATGAG
 TGACGTCCAGATCCACTGGTTTTCTATCATTAACCTCCGTTGTTGTGGTCTTCTTCTGTGAGGTATCCTG
 AGCATGATTATCATTGACCCCTCCGGAAGGACATTGCCAACTACAACAAGGAGGATGACATTGAAGACA
 CCATGGAGGAGTCTGGGTGGAAGTTGGTGCACGGCGACGCTTTCAGGCCCCCAGTACCCCATGATCCT
 CAGCTCCCTGCTGGGCTCAGGCATTGAGCTGTTCTGTATGATCCTCATCGTCATCTTTGTAGCCATGCTT
 GGGATGCTGTGCGCCTCCAGCCGGGGAGCTCTCATGACCACAGCCTGCTTCTCTTATGTTTATGGGGG
 TGTTTGGCGGATTTTCTGCTGGCCGTCTGTACCGCACTTAAAAGGCCATCGGTGGAAGAAAGGAGCCTT
 CTGTACGGCAACTCTGTACCCTGGTGTGGTTTTTGGCATCTGCTTCGTATTGAATTGCTTCATTTGGGGA
 AAGCACTCATCAGGAGCGGTGCCCTTTCCACCATGGTGGCTCTGCTGTGCATGTGGTTCGGGATCTCCC
 TGCCCCCTCGTCTACTTGGGCTACTACTTCGGCTTCCGAAAGCAGCCATATGACAACCCTGTGCGCACAA
 CCAGATTCCCCGGCAGATCCCCGAGCAGCGGTGGTACATGAACCGATTGTGGGCATCCTCATGGCTGGG
 ATCTTGGCCTTCGGCGCCATGTTTCATGAGCTCTTCTTCATCTTCAGTGTATCTGGGAGAATCAGTTCT
 ATTACCTCTTTGGCTTCTGTTCTTGTTCATCATCCTGGTGGTATCCTGTTACAAATCAGCATCGT
 CATGGTGTACTCCAGCTGTGTGACAGGATTACCGCTGGTGGTGGAGAAATTTCTAGTCTCCGGGGG
 TCTGCATTCTACGTCCTGGTTTATGCCATCTTTATTTCTGTTAAAGCTGGACATCGTGGAGTTTCATCC
 CCTCTCTCTCTACTTTGGCTACACGGCCCTCATGGTCTTGTCTTCTGGCTGCTAACGGGTACCATCG
 CTTCTATGCAGCTACATGTTTGTTCGAAGATCTATGCTGCTGTGAAGATAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MCETSAFYVPGVAPINFHQNDPVEIKAVKLTSSRTQLPYEYSLPFCQPSKITYKAENLGEVLRGDRIVN
 TPFQVLMNSEKKCEVLCQSQSNKPVTLTVEQSRLVAERITEDYYVHLIADNLPVATRLLEYNSNRSDDDKKK
 EKDVQFEHGYRLGFTDVNKIYLNHLSFILYYHREDMEEDQEHTYRVRVFEVIPQSIRLEDLKADEKSSC
 TLPEGTNSSPQEIPTKENQLYFTYSVHWEEEDIKASRWDTYLTMSDVQIHWFSIINSVVVFFLSGIL
 SMIIIRTLRKDIANYNKEDDIEDTMEESGWKL VHGDVFRPPQYPMILSSLLSGIQLFCMILIVIFVAML
 GMLSPSSRGALMTTACFLFMFMGVFGGFSAGRLYRTLKGHRWKKGAFACTATLYPGVVFGICFVLNCFIWG
 KHSSGAVFPPTMVALLCMWFGISLPLVYLGYFGFRKQPYDNPVRTNQIPRQIPEQRWYMNRFVGLMAG
 ILPFGAMFIELFFIFSAIWENQFYLLFGLFLVFIILVVSQSISIVMVFYQLCAEDYRWWRNFLVSGG
 SAFYVLVYAIIFYFNKLDIVEFIPSLLYFGYTALMVLFWLLTGTIGFYAAYMFVRKIYAAVKID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_014742
ORF Size:	1875 bp
Buffer:	PBS with 0.001% Pluronic F5460
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_014742.3, NP_055557.1</u>
RefSeq Size:	3996 bp
RefSeq ORF:	1929 bp
Locus ID:	9777
UniProt ID:	<u>Q92544</u>
Cytogenetics:	20q11.21
MW:	72.54 kDa