

Product datasheet for **MR210529A1V**

Mouse Tfrc (NM_011638) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tfrc (NM_011638) AAV Particle
Tag:	Myc-DDK
Symbol:	Tfrc
Synonyms:	2610028K12Rik; CD71; E430033M20Rik; Mtv; Mtvr; Mtvr1; p9; p90; TFR; TFR1; TR; Trfr
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210529 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGATCAAGCCAGATCAGCATTCTCTAATTGTTTGGTGGGGAACCATTTGCATACACCCGGTTTA
 GCCTTGCTCGGCAAGTAGATGGAGATAACAGTCATGTGGAGATGAACTGGCTGCAGATGAAGAAGAAAA
 TGCCGACAATAACATGAAGGCTAGTGTGAGAAAACCAAGAGGTTTAATGGAAGACTCTGCTTTCAGCT
 ATTGCACTAGTCATTTTCTTCTGATTGGATTCATGAGTGGCTACCTGGGCTATTGTAAGCGTGTAGAAC
 AAAAGAGGAGTGTGTAACTGGCTGAAACGGAGGAGACAGACAAGTCAGAAACCATGGAAACAGAGGA
 TGTTCTACATCATCTCGCTTATATTGGGCAGACCTCAAAACACTGTTGTCAGAGAAGTTGAACTCCATA
 GAGTTTGTGACACCATCAAGCAGCTGAGCCAGAATACATACTCTCGTGAGGCTGGATCTCAAAAAG
 ATGAAAGTCTTGCCTATTATATTGAAAATCAGTCCATGAATTTAAATTCAGCAAAGTCTGGCGAGATGA
 ACACTATGTGAAGATTCAAGTAAAAGCAGCATTGGTCAAAACATGGTGACCATAGTGCAGTCAAATGGT
 AACTTAGACCCAGTGGAGTCTCCCGAGGGTTATGTGGCATTAGTAAACCTACAGAAGTTTCTGGTAAAC
 TGGTCCATGCTAATTTTGGCACTAAAAAGGACTTTGAAGAAGTAAATTTCTGTGAATGGATCTTTAGT
 GATTGTTAGAGCAGGGGAAATTAATTTTGCAGAAAAGTTGCAATGCCAAAGCTTTAATGCAATTTGGT
 GTCCTCATATACATGGACAAGAATAAATCCCGTTGTTGAGGCGAGACCTTGCACTCTTTGGACATGCTC
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 AAGTCCAGTGTGGGAACAGTCTTCTGTGAACTTGCCCAAGTATTCTCAGATATGATTCAAAAGATG
 GATTTAGACCCAGCAGAAGTATAATCTTTGCCAGCTGGACTGCAGGCGACTTTGGAGCTGTTGGTGCCAC
 TGAGTGGTTGGAGGGATACCTTTCATCTTGCATTTAAAGCTTTCCTTATATTAATTTGGATAAAGTT
 GTCCTTGGTACTAGTAACCTCAAAGTTTCTGCCAGCCCTTATTATACACTTATGGGAAAGATAATGC
 AAGATGTAAAGCATCCAGTTGATGGAAAATCTCTATATAGAGACAGCAATTGGATTAGCAAAGTTGAGAA
 ACTTTCCTTTGACAATGCTGCATATCCTTCTTGCATATTCTGGAATCCAGCAGTTTCTTTTGTGTTT
 TGTGAGGATGCAGACTATCCTTATTTGGCACTAGATTGGATACCTATGAGGCATTGACTCAGAAAGTTC
 CTCAGCTCAACCAATGGTTCTGACAGCAGCGAAGTGGCTGGTCAAGCTCATTATTAACTTACCCATGA
 CGTTGAATTGAACCTGGACTATGAGATGTATAACAGCAAACTACTGTCATTTATGAAGGATCTGAACCA
 TTCAAAACAGATATCAGGGATATGGGTCTAAGTCTACAGTGGCTGATTCCGCTCGTGGAGACTACTTCC
 GTGCTACTTCTAGACTAACAAGTATTTTCTAATGCTGAGAAAAACAAGATTTGTCATGAGGGAAAT
 CAATGATCGTATTATGAAAGTGGAGTATCACTTCTGTCGCCCTATGTATCTCCAAGAGAGTCTCCTTTC
 CGACATATCTTCTGGGGCTCTGGCTCTCACACTCTCTCAGCTTTAGTGGAGAAGTTGAAGCTTCGTCAA
 AAAATATTACTGCTTTTAAATGAAACCTCTTCAGAAACAGTTGGCCCTGGCTACTTGGACTATTCAGGG
 AGTCGCAATGCCCTCTCTGGTGACATTTGGAATATTGACAATGAGTTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210529 protein sequence Red=Cloning site Green=Tags(s) MMDQARSASFNLFGGEPLSYTRFSLARQVDGDNHVMKLAADDEENADNNMKASVRKPKRFNGRLCFAA IALVIFFLIGFMSGYLGCKRVEQKEECVKLAETEETDKSETMETEDVPTSSRLYWADLKTLLSEKLNSI EFADTIKQLSQNTYTPREAGSQKDESLAYYIENQFHEFKFSKVWRDEHYVKIQVKSSIGQNMVTIVQSNG NLDPVESPEGYVAFSKPTEVSGKLVHANFGTKKDFEELSYSVNGSLVIVRAGEITFAEKVANAQSFNAIG VLIYMDKNKFPVVEADLALFGHAHLGTGDPYTPGFPSFNHTQFPSPSSGLPNIPVQTISRAAAELFGK MEGSCPARWNIDSSCKLELSQNQNVKLIKKNVLKERRILNIFGVIKGYEEPDRYVVVGAQRDALGAGVAA KSSVGTGLLLKLAQVFSDMI SKDGF RPSRSII FASWTAGDFGAVGATEWLEGYLSSLHLKAFTYINLDKV VLGTSNFKVSASPLLYTLMGIMQDVKHPVDGKSLYRDSNWISKVEKLSFDNAAYPFLAYSGIPAVSFCF CEDADYPYLGTRLDTYEALTQKVPQLNQMVRTAAEVAGQLIIKLTHDVELNLDYEMYSKLLSFMKDLNQ FKTDIRDMLSLQWLYSARGDYFRATSRLTTDFHNAEKTNRFMREINDRIMKVEYHFLSPYVSPRESPF RHIFWGS GSHTLSALVENLKL RQKNITAFNETLFRNQLALATWTIQGVANALSGDIWNIDNEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011638
ORF Size:	2289 bp
Buffer:	PBS with 0.001% Pluronic F1615
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_011638.3</u>
RefSeq Size:	4920 bp
RefSeq ORF:	2292 bp
Locus ID:	22042
UniProt ID:	<u>Q62351</u>
Cytogenetics:	16 23.06 cM
MW:	85.7 kDa