

Product datasheet for **RC220060A1V**

Human Transferrin Receptor 2 (TFR2) (NM_003227) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Transferrin Receptor 2 (TFR2) (NM_003227) AAV Particle
Tag:	Myc-DDK
Symbol:	TFR2
Synonyms:	HFE3; TFRC2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220060 representing NM_003227
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCGGCTTTGGGTCTATTCCAGAGAGCGCAACAACTGTCCCCAAGATCCTCTCAGACCGTCTACC
 AGCGTGTGGAAGGCCCGGAAAGGGCACCTGGAGGAGGAAGAGGAAGACGGGGAGGAGGGGCGGAGAC
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 CAGGCCATGTTCTGAGTTCCTGGGGAGGGGCGCTGGAGGACACCATCAGGCAAACAGCCTTCGGG
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 GGACCTGCGGGCCAGGGCGTGGATCCAGTGGGCGCCTGCTGCTGGTGCCTGGGGGTGATCAGCTTC
 GCCCAGAAGGTGACCAATGCTCAGGACTTCGGGGCTCAAGGAGTGTCTATACCCAGAGCCAGCGGACT
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 GAGGGCTACCTCAGCGTGTGCACCTCAAAGCCGTAGTGTACGTGAGCCTGGACAACGCAGTGTGGGG
 ATGACAAGTTTCATGCCAAGACCAGCCCCCTTCTGACAAGTCTCATTGAGAGTGTCTGAAGCAGGTGGA
 TTCTCCCAACCACAGTGGCAGACTCTCTATGAACAGGTGGTGTTCACCAATCCAGCTGGGATGCTGAG
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 ATCCGGCTCAGCCACGATCGCCTGCTGCCCCCTCGACTTCGGCCGCTACGGGGACGTGCTCCTCAGGCACA
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 CGACTGACACGCATGTACAACGTGCGCATAATGCGGGTGGAGTTCTACTTCTTTCCAGTACGTGTCG
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 CGTTTCCGGCGTCAGTAGCCCTGCTCACCTGGACGCTGCAAGGGGAGCCAAATGCGCTTACGGGGATG
 TCTGGAACATTGATAACAACCTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC220060 representing NM_003227 Red=Cloning site Green=Tags(s) MERLWGLFQRAQQLSPRSSQTVYQRVGPRKGHLEEEEDGEEGAETLAHFCPMELRGPEPLGSRPRQPN LIPWAAAGRRAAPYLVTALLIFTGAFLLGYVAFRGSCQACGDSVLVVEDVNYEPDLDFHQGRLYWSDL QAMFLQFLGEGRLDITRQTSRERVAGSAGMAALTQDIRAALSRQKLDHVWTDTHYVGLQFPDPAHPNT LHWVDEAGKVGEQLPLEDPDVYCPYSAIGNVTGELVYAHYGRPEDLQDLRARGVDPVGRLLLVRVGVISF AQKVNTAQDFGAQGVLIYPEPADFSQDPPKPSLSSQQAQVYGHVHLGTGDPYTPGFPSFNQTQFPVASSG LPSIPAQPIASDIASRLRLKLGKPVAPQEWQGSLLGSPYHLGPGPRLRLVNNHRTSTPINNIFGCIAGR SEPDHYVVIGAQRDAWGPGAASAVGTAILLELVRTFSSMVSNGFRPRRSLFISWDGGDFGSGVSTEWL EGYLSVLHLKAVVYVSLDNAVLGDDKFHAKTSPLLTSLSVLKQVDSPNHSGQTLYEQVFTNPSWDAE VIRPLPMDSSAYSFTAFVGVPVEFSMEDDQAYPFLHTKEDTYENLHKVLQGRLPAAVAQAQLAGQLL IRLSHDLRLPLDFGRYGDVLRHIGNLNEFSGLKARGLTQWVYSARGDYIRAAEKLRQEIYSSEERDE RLTRMYNVRIMRVEFYFLSQYVSPADSPFRHIFMGRGDHTLGALLDHLRLRSNSSGTPGATSSTGFQES RFRRLQALLTWTLQGAANALSGDVWNIDNNF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003227
ORF Size:	2403 bp
Buffer:	PBS with 0.001% Pluronic F8109
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:	NM_003227.3
RefSeq Size:	2891 bp
RefSeq ORF:	2406 bp
Locus ID:	7036
UniProt ID:	Q9UP52
Cytogenetics:	7q22.1
MW:	88.6 kDa