

Product datasheet for **RC209184A1V**

Human Transferrin (TF) (NM_001063) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Transferrin (TF) (NM_001063) AAV Particle
Tag:	Myc-DDK
Symbol:	TF
Synonyms:	HEL-S-71p; PRO1557; PRO2086; TFQTL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209184 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGCTCGCCGTGGGAGCCCTGCTGGTCTGCGCCGTCTGGGGCTGTGTCTGGCTGTCCCTGATAAAA
CTGTGAGATGGTGTGCAGTGTTCGGAGCATGAGGCCACTAAGTGCCAGAGTTTCCGCGACCATATGAAAAG
CGTCATTCCATCCGATGGTCCCAGTGTTGCTTGTGTGAAGAAAGCCTCCTACCTTGATTGCATCAGGGCC
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ATAACCTGAAGCCTGTGGTGGCAGAGTTCTATGGGTCAAAGAGGATCCACAGACTTTCTATTATGCTGT
TGCTGTGGTGAAGAAGGATAGTGGCTTCCAGATGAACCAGCTTCGAGGCAAGAAGTCTGCCACACGGGT
CTAGGCAGGTCCGCTGGTGGAACATCCCATAGGCTTACTTTACTGTGACTTACCTGAGCCACGTAAAC
CTCTTGAGAAAGCAGTGGCCAATTTCTTCTCGGCAGCTGTGCCCTTGTGCGGATGGGACGACTTCCC
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AGGCGCTTTCAGGTGTCTGGTTGAGAAGGAGATGTGGCCTTTGTGAAACACCAGACTGTCCACAGAAC
ACTGGGGGAAAAACCCTGATCCATGGGCTAAGAATCTGAATGAAAAAGACTATGAGTTGCTGTGCCTTG
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CACACGGAAAGATAAGGAAGCTTGCCTCCACAAGATATTACGTCAACAGCAGCACCTATTTGGAAGCAAC
GTAAGTGAAGTGTCTGGGCAACTTTTGTGTTCCGGTCGGAAACCAAGGACCTTCTGTTGAGAGATGACA
CAGTATGTTTGGCCAACTTCATGACAGAAACACATATGAAAAAATACTTAGGAGAAGAATATGTCAAGGC
TGTTGGTAACCTGAGAAAATGCTCCACCTCATCACTCCTGGAAGCCTGCACCTTCCGTAGACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209184 protein sequence Red=Cloning site Green=Tags(s) MRLAVGALLVCAVLGLCLAVPDKTVRWCAVSEHEATKCQSFRDHMKSVIPSDGPSVACVKKASYLDCIRA IAANEADAVTL DAGLVYDAYLAPNNLKPVVAEFYGSKEDPQTFYYAVAVVKKDSGFQMNQLRGKKSCHTG LGRSAGWNIPIGLLYCDLPEPRKPLEKAVANFFSGSCAPCADGTDFPQLCQLCPGCGCSTLNQYFGYSGA FKCLKNGAGDVA FVKHSTIFENLANKADRQYELLCLDNTRKPVDEYKDCHLAQVP SHTVVARSMGGKED LIWELLNQAQEHFGKDKSKEFQLFSSPHGKDLLFKDSA HGF LKVP PRMDAKMYLGYEYVTAIRNLREGTC QEAPTDECKPVKWCALSHHERLKCDEWSVNSVGKIECVSAETTEDCIAKIMNGEADAMSLDGGFVYIAGK CGLVPVLAENYNKSDNCEDTPEAGYFAVAVVKKASD LTWDLNKGKKSCHTAVGRTAGWNIPMGLLYNKI NHCRFDEFFSEGCAPGSKKDS LCKLCMGSLNLCEPNNKEGYGYTGAFRCLVEKGDVAFVKHQTVPQN TGGKNPDPWAKNLNEKDYELLCLDGTRKPVEEYANCHLARAPNHAVVTRKDKEACVHKILRQQQHLFGSN VTDCSGNFCLFRSETKDLLFRDDTVCLAKLHDRNTYEKYL GEEYV KAVGNLRK CSTSS LLEACTFRRP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001063
ORF Size:	2094 bp
Buffer:	PBS with 0.001% Pluronic F6383
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_001063.2</u>
RefSeq Size:	2808 bp
RefSeq ORF:	2097 bp
Locus ID:	7018
UniProt ID:	<u>P02787</u>
Cytogenetics:	3q22.1
MW:	77.1 kDa