

Product datasheet for **RC221222A1V**

Human FUT10 (NM_032664) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FUT10 (NM_032664) AAV Particle
Tag:	Myc-DDK
Symbol:	FUT10
Synonyms:	FUCTX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221222 representing NM_032664
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGTGGGATTGAGGAGGAAGCTTTTGGCATCTTGCTGTGCGTCACAGCCACCGTCTTTCTGCTTG
 TCACACTCCAGGTCATGGTTGAGCTGGGAAGTTTGAAGGAAGGAGTTTAAAAGTTCCAGTTTGAAGA
 TGGACATACAAAAATGGAGGAAGCACCTACGCATCTTAATTCTTTCTTAAGAAAGAAGGATTGACCTTC
 AACAGGAAAAGAAAATGGGAATTGGACAGCTACCCATTATGCTCTGGTGGTCCCGCTGACGGGGAGA
 CTGGGAGGTTAGGCCAATGTGGAGCAGATGCTTGTCTTACCACCAACCGGACCTACCTCCATCATCA
 CATGACCAAAGCATTCTCTTCTATGTTACTGACTTTAACATAGATAGCTTACCTCTGCCTCGGAAAGCC
 CATCATGACTGGGCTGTTTTTCATGAAGAGTCCCCGAAAACAATTATAAGCTCTTTCATAAACCAGTGA
 TCACCTTGTTCAACTACACTGCCAGTTTCAGCAGGCATTCCCACTTGCCACTAACTACCAATACTTGA
 GAGCATTGAAGTCTGAAGTCACTCCGATACCTAGTTCCTTTGCAGTCCAAAAACAAGCTTAGAAAAAGA
 CTTGCTCCGCTGGTGTATGTACAGTCACTGTGACCCACCATCAGACAGGGACAGCTATGTTCCGCGAGC
 TGATGACTTACATCGAGGTCGATTCTTATGGTGAATGTTACGAAACAAGACCTCCCTCAGCAGCTGAA
 AAATCCAGCCTCTATGGATGCCGATGGCTTTTATAGGATCATTGCACAGTATAAGTTTATCCTAGCTTTT
 GAGAATGCAGTTTGTGATGACTACATCACTGAGAAGTTCTGGAGGCCACTGAACTGGGGTAGTCCCTG
 TATATTACGGATCCCCAGCATCACAGACTGGCTTCCAAGTAACAAAAGTGCTATTCTTGATCAGAATT
 TTCTACCCCAGGGAAGTGGCAAGTTACATCAGACGACTGGATTCTGATGACAGATTGTATGAGGCCTAT
 GTAGAATGGAAGCTGAAGGTGAGATCTTAACACGCGACTTCTGACAGCTCTCAGGGAACGGAATGGG
 GAGTGCAAGACGTCAACCAGGACAATTACATCGATGCAATTTGAGTGTATGGTGTGACCAAGGTGTGGG
 TAATATCAGGCTTCAGGAAAAGGGCTTACCACCCAAAAGATGGGAGGCAGAAAGATACCCACCTGAGTTGC
 CCAGAGCCACAGTGTGCTTTCTCACCCTCCGACTCCACCTTTGAGCTCTTTCGAGAGATGTGGA
 TTTCCAGCTTTGAACAATCCAAGAAAGAAGCCAGGCACTAAGGTGGCTGGTTGATAGGAATCAAACTT
 TTCATCTCAAGAGTTTGGGGCTAGTATTCAAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221222 representing NM_032664
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MVRIQRRKLLASCLCVTATVFLVTLQVMVELGKFERKEFKSSSLQDGHKMEEPHTLNSFLKKEGLTF
 NRKRKWEKDSYIMLWWSPLTGETGRLGQCGADACFFITNRTYLHHMTKAFLFYGTDFNIDSLPLPKA
 HHWDWVFHEESPKNNYKLFHKPVITLFNYTATFSRHSPLPLTTQYLESIEVLKSLRYLVPLQSKNKLRR
 LAPLVVYQSDCDPPSDRDSYVRELMYIEVDSYGECLRNKDLPPQLKNPASMDADGFYRIIAQYKFI
 ENAVCDDYITEKFWRPLKLGVPVYYGSPSITDWLPSNKSAILVSEFVSHPRELASVIRRLSDDDRLYEAY
 VEWKLKGEISNQRLLTALRERKVGVDVNDNYIDAFECMVCTKVWANIRLQEKGLPPKWEAEDTHLSC
 PEPTVFAFSPLRTPPLSSLREMWISSFEQSKKEAQLRWLVDRNQNFSSQEFWGLVFKD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_032664

ORF Size:

1437 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_032664.3, NP_116053.3</u>
RefSeq Size:	3549 bp
RefSeq ORF:	1440 bp
Locus ID:	84750
UniProt ID:	<u>Q6P4F1</u>
Cytogenetics:	8p12
MW:	55.9 kDa