

Product datasheet for **RC223075A1V**

Human FUT8 (NM_178155) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FUT8 (NM_178155) AAV Particle
Tag:	Myc-DDK
Symbol:	FUT8
Synonyms:	CDGF; CDGF1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223075 representing NM_178155
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGGCCATGGACTGGTTCCTGGCGTTGGATTATGCTCATTCTTTTGCCTGGGGACCTTGCTGTTTT
 ATATAGGTGGTCACTTGGTACGAGATAATGACCATCCTGATCACTCTAGCCGAGAACTGTCCAAGATTCT
 GGCAAAGCTTGAACGCTTAAACAACAGAATGAAGACTTGAGGCGAATGGCCGAATCTCTCCGATACCA
 GAAGGCCCTATTGATCAGGGGCCAGCTATAGGAAGAGTACGCGTTTTAGAAGAGCAGCTTGTTAAGGCCA
 AAGAACAGATTGAAAATTACAAGAAACAGACCAGAAATGGTCTGGGAAGGATCATGAAATCCTGAGGAG
 GAGGATTGAAAATGGAGCTAAAGAGCTCTGTTTTTCTACAGAGTGAATTGAAGAAATTAAGAAGCTTA
 GAAGGAAATGAATCCAAAGACATGCAGATGAATTTCTTTGGATTTAGGACATCATGAAAGGTCTATAA
 TGACGGATCTATACTACCTCAGTCAGACAGATGGAGCAGGTGATTGGCGGGAAAAAGAGGCCAAAGATCT
 GACAGAACTGGTTCAGCGGAGAATAACATATCTTCAGAATCCCAAGGACTGCAGCAAAGCCAAAAAGCTG
 GTGTGTAATATCAACAAAGGCTGTGGCTATGGCTGTGAGTCCATCATGTGGTCTACTGCTTCATGATTG
 CATATGGCACCACGCAACACTCATCTTGAATCTCAGAATTGGCGCTATGCTACTGGTGGATGGGAGAC
 TGTATTTAGGCCTGTAAGTGAGACATGCACAGACAGATCTGGCATCTCCACTGGACACTGGTCAGGTGAA
 GTGAAGGACAAAAATGTTCAAGTGGTCGAGCTTCCCATTTGTAGACAGTCTTCATCCCCGCTCCCATATT
 TACCCTTGGCTGTACCAGAAGACCTCGCAGATCGACTTGTACGAGTGCATGGTGACCTCGAGTGTGGTG
 GGTGTCTCAGTTTGTCAAATACTTGATCCGCCACAGCCTTGGCTAGAAAAAGAAATAGAAGAAGCCACC
 AAGAAGCTTGGCTTCAAACATCCAGTTATTGGAGTCCATGTGACAGCACAGACAAAGTGGGAACAGAAG
 CTGCCTTCCATCCCATTTGAAGAGTACATGGTGCATGTTGAAGAACATTTTCAGCTTCTTGACAGCAGAAT
 GCAAGTGGACAAAAAGAGTGTATTTGGCCACAGATGACCTTCTTTATTAAGGAGGCAAAAAACAAAG
 TACCCCAATTATGAATTTATTAGTGATAACTCTATTTCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 AAAATTCACCTCGTGGAGTGATCCTGGATATACATTTTCTCTCTCAGGCAGACTTCTAGTGTGACTTT
 TTCATCCAGGTCTGTGAGTTGCTTATGAAATTATGCAAACTACATCCTGATGCCTCTGCAAACTTC
 CATTCTTTAGATGACATCTACTATTTGGGGGCCAGAATGCCACAATCAAATTGCCATTTATGCTCACC
 AACCCGAACTGCAGATGAAATCCCATGGAACCTGGAGATATCATTGGTGTGGTGGAAATCATTGGGA
 TGGCTATTCTAAAGGTGTCAACAGGAAATTGGGAAGGACGGGCCTATATCCCTCCTACAAAGTTCGAGAG
 AAGATAGAAACGGTCAAGTACCCACATATCCTGAGGCTGAGAAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRPWTGSRWIMLILFAWGTLIFYIGGHLVRDNDHPDHSRELKILAKLERLKQONEDLRMAESLRIP
 EGPIDQGPAIGRVRVLEEQLVKAKEQIENYKKQTRNGLGKDHEILRRRIENGAKELWFFLQSELKKLKNL
 EGNELQRHADEFLLDLGHHERSIMDLYL SQT DGAGDWREKEAKDL TELVQRRITYLQNP KDCKSKAKKL
 VCNINKGCGYGCQLHHVYCFMIAYGTQRTLILESQNWRYATGGWETVFRPVSETCTDRSGISTGHWSGE
 VKDKNVQVVELPIVDSLHPRPPYLPLAVPEDLADRLVRVHGDPVWVWSQFVKYLIRPQPWLEKEIEEAT
 KKLGFKHPVIGVHVRRTDKVGTEAFHPIEEYMHVVEEHFQLLARRMQVDKKRVYLATDDPSLLKEATK
 YPNYEFISDNSISWSAGLHNRYTENSRLGVILDIHFLSQADFLVCTFSSQVCRVAYEIMQTLHPDASANF
 HSLDDIYFYGQNAHNQIAIYAHQPRTADEIPMEPGDIIGVAGNHWGYSKGVNRKLGRGLYPSYKVR
 KIETVKYPTYPEAEK

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_178155
ORF Size:	1725 bp
Buffer:	PBS with 0.001% Pluronic F8608
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_178155.1</u>
RefSeq Size:	3775 bp
RefSeq ORF:	1728 bp
Locus ID:	2530
UniProt ID:	<u>Q9BYC5</u>
Cytogenetics:	14q23.3
MW:	66.3 kDa