

Product datasheet for **RC201341A1V**

Human GTF2H1 (NM_005316) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GTF2H1 (NM_005316) AAV Particle
Tag:	Myc-DDK
Symbol:	GTF2H1
Synonyms:	BTF2; P62; TFB1; TFIIH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201341 representing NM_005316
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAACCTCATCTGAAGAAGTTTGTCTGATTGTAAGAAAGTGCCTCAAAGAAGCAGGATGGAGCTC
 TGTACCTCATGGCAGAAAGAATTGCTTGGGCACCTGAAGGCAAAGATAGATTTACAATCAGCCATATGTA
 TGCAGATATTAATGCCAGAAAATTAGTCCAGAAAGGAAAGCTAAAATTCAGCTTCAGCTGGTCTACAT
 GCAGGGGACACAATACTTCCATTTTCCAATGAAAGCACAGCAGTGAAGAGCGAGATGCAGTAAAG
 ACCTTCTTCAGCAGCTGCTGCCAAATCAAGAGGAAAGCAAATAAAGAACTGGAAGAGAAGACAGAAT
 GCTGCAAGAAGATCCTGTTTGTTCAGCTTTATAAGACCTTGTGTGAGTCAAGTATCAGTGTGAG
 GAATTCGGGCCAATCGTTTAAATGTGAATGCAACAGATAGTTCTCCACATCCAATCATAAGCAGGATG
 TTGGCATTCTGCTGCATTTCTGGCTGATGTCGGGCCCAAAGTATGGCTGTAAACGGTCTAAGATATAA
 TTTAACTTCTGATATCATTGAGTCCATATTTAGGACCTATCCAGCAGTAAAAATGAAATATGCAGAAAAT
 GTTCCCCACAACATGACAGAGAAGGAATTCGGACACGTTTTTCCAGTCCCATTATTTTACAGGGATC
 GGCTGAATACAGGGTCAAAGGATCTCTTTCAGAAATGTGCCAAAATAGATGAAAAAGGCCTAAAAACAAT
 GGTTTCATTAGGAGTAAAAACCACTACTAGATTTAACAGCTTTGGAAGATAAACCATTAGATGAGGGC
 TATGGCATTCTCTGTGCCATCTGCTTCCAATTCTAAATCCATAAAAGAGAATAGTAATGCTGCCATCA
 TCAAGAGATTTAACCATCACAGTGCCATGGTCTGGCAGCTGGACTCAGAAAACAAGAAGCAGAAAATGA
 ACAAACTAGTGAGCCAGCAACATGGATGGAATTCGGAGATGCAGACTGCTTTCAGCCAGCAGTCAAA
 AGGGCGAAATTACAAGAGTCCATTGAATATGAAGACTTGGGAAAAATAATTCTGTAAAAACGATTGCAC
 TAAACCTCAAGAAGTCAGATAGGTATTATCATGGTCCAACCTCAATCCAGTCACTACAGTATGCAACAAG
 TCAGGACATTATTAATCTTTTCAAAGTATTAGACAAGAAATGGAAGCTTATACACCCAAGTTAACTCAG
 GTTCTCTCAAGTAGTGCTGCCAGTAGTACCATCACAGCACTGTCACTGGAGGGGCACTTATGCAGGGAG
 GAACACAGCAAGCCATAAACAGATGGTGCCAAATGATATTCAATCTGAATTGAAACACTTATATGTAGC
 TGTTGGAGAATTCTACGACATTTCTGGTCTGCTTCTGTTAATACGCCATTCTAGAGAAAAGGTA
 GTGAAATGAAAAGTAATTTGGAACGATTCCAAGTTACGAAGCTCTGTCCATTCCAAGAAAAGATTCCGA
 GACAGTATTTAAGCAGAAATTTGGTAAGTCACATAGAAGAGATGCTCCAGACAGCCTACAACAAGCTCCA
 CACATGGCAGTCACGGCTCTGATGAAGAAAACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MATSSSEVLLIVKKVRQKKQDGALYLMAERIAWAPEGKDRFTISHMYADIKCQKISPEGKAKIQLQLVLH
 AGDTTNFHFHFNSTAVKERDAVKDLLQQLLPKFKRKANKELKKNRMLQEDPVLFLQYKDLVVSQVISAE
 EFWANRLNVNATDSSSTSNHKQDVGISAAFLADVRPQTDGCNGLRYNLTSDIIESIFRTYPAVKMKYAE
 VPHNMTEKEFWTRFFQSHYFHRDLNTGSKDLFAECAKIDEKGLKTMVSLGVKNPLLDLTALEDKPLDEG
 YGISSVPSASNSKSIKENSNAAIKRFNHHSAMVLAAGLRKQEAQNEQTSEPSNMDGNSGDADCFQPAVK
 RAKLQESIEYEDLGKNSVKTIALLKSDRYHGPPIQSLQYATSQDIINSFQSIQEMEAYTPKLTQ
 VLSSSAASSTITALSPGGALMQGGTQQAINQMPNDIQSELKHLVYAVGELLRHFWSCFPVNTPFLEEKV
 VKMKSNERFQVTKLCPFQEKIRROYLSTNLVSHIEEMLQTAYNKLHTWQSRRLMKKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005316

ORF Size:	1644 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_005316.2</u>
RefSeq Size:	3308 bp
RefSeq ORF:	1647 bp
Locus ID:	2965
UniProt ID:	<u>P32780</u>
Cytogenetics:	11p15.1
MW:	62 kDa