

Product datasheet for **RC214278A1V**

Human ATF6 (NM_007348) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATF6 (NM_007348) AAV Particle
Tag:	Myc-DDK
Symbol:	ATF6
Synonyms:	ACHM7; ATF6A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214278 representing NM_007348
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGAGCCGGCTGGGGTTGCCGGCACCATGGAGTCACCTTTAGCCCGGGACTCTTTCACAGGCTGG
 ATGAAGATTGGGATTCTGCTCTCTTTGCTGAACTCGGTTATTTACAGACACTGATGAGCTGCAATTGGA
 AGCAGCAAATGAGACGTATGAAAAAATTTTGATAATCTTGATTTGATTGGATTGATGCCTTGGGAG
 TCAGACATTTGGGACATCAACAACCAATCTGTACAGTTAAAGATATTAAGGCAGAACCTCAGCCACTTT
 CTCCAGCCTCCTCAAGTTATTCAGTCTCGTCTCCTCGGTCACTGGACTCTTATTCTTCAACTCAGCATGT
 TCCTGAGGAGTTGGATTGTCTTCTAGTTCTCAGATGTCTCCCCTTCTCTATATGGTGAAGTCTAAT
 AGTCTCTCTTCAGCGGAGCCACTGAAGGAAGATAAGCCTGTCACTGGTCTAGGAACAAGACTGAAAATG
 GACTGACTCAAAGAAAAAATTCAGGTGAATCAAAACCTTCAATTCAAGCCCAAGCCTTTATTGCTTCC
 AGCAGCACCCCAAGACTCAAACAACTCCAGTGTCCAGCAAAAACCATCATTATTCAGACAGTACCAACG
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 TTGCTGTGCTAAGGAGACAGCAACGTATGATAAAAAATCGAGAATCCGCTTGTCACTCTCGAAGAAGAA
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 GAAATGGAACACTGAAGCGGCAGCTGGATGAAGTTGTGTGATGATAGTATTGGCATTATAATACTGAAC
 TATGGACCTATGAGCAT
 GTTGGAACAGGATTCAGGAGAATGAACCCCTAGTGTGAGCCCTGCAATCAAAGGAGGCACCTTCTAGGA
 TTTTCTGCTAAAGAGGCACAGGACACATCAGATGGTATTATCCAGAAAAACAGCTACAGATATGATCATT
 CTGTTTCAAATGACAAAGCCCTGATGGTGTAACTGAAGAACCATTGCTTTACATTCTCCACCTCCTTG
 TCAGCCCTAATTAACACAACAGAGTCTCTCAGGTAAATCATGAACCTCGAGGATGGGTTCATAGACAT
 GAAGTAGAAAGGACCAAGTCAAGAAGAATGACAAATAATCAACAGAAAACCCGTATTCTTCAGGGTGCTC
 TGGAACAGGGCTCAAATTCTCAGCTGATGGCTGTTCAATACACAGAAACCACTAGTAGTATCAGCAGGAA
 CTCAGGGAGTGAGCTACAAGTGTATTATGCTTCACCCAGAAGTTATCAAGACTTTTTTGAAGCCATCCGC
 AGAAGGGGAGACACATTTTATGTTGTGTCATTTCAAGGGATCACCTGCTGTTACCAGCTACCACCCATA
 ACAAGACCACAAGACCAAAAATGTCAATTGTGTTACCAGCAATAAACATAAATGAGAATGTGATCAATGG
 GCAGGACTACGAAGTGATGATGCAGATTGACTGTCAGGTGATGGACACCAGGATCCTCCATATCAAAAGT
 TCGTCAGTTTCTCTTACCTCCGAGATCAGCAGAGGAATCAAACCAACACCTTCTTTGGCTCCCCTCCCG
 CAGCCACAGAGGCAACCCACGTTGTCAGCACCATCCCTGAGTCATTACAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214278 representing NM_007348 Red=Cloning site Green=Tags(s) MGEPAGVAGTMESPFSPGLFHRLEDEDWDSALFAELGYFTDTDELQLEAANETYENNFDNLDLDFDLMPWE SDIWDINNQICTVKDIKAEPQLSPASSYSVSSPRSVDSYSSTQHVPEELDLSSSSQMSPLSLYGENSN SLSSAEPLKEDKPVGTGRNKTENGLTPKKKIQVNSKPSIQPKPLLLAAPKTQTNSSVPAKTIIITVPT LMPLAKQQPIISLQAPATKGQTVLLSQPTVVQLQAPGVLPAPVLAAGGVTLQPNHVVNVVPAPSANS PVNGKLSVTKPVLQSTMRNVGSDIAVLRQRMKNRESACQSRKKKKKEYMLGLEARLKAALSENEQLKK ENGLTKRQLDEVVSENQRLKVPSPKRRVVCVMIVLAFIILNYGPMSEQDSRRMNPSVSPANQRRHLLG FSAKEAQDSDGIIQKNSYRYDHSVSNKALMVLTEEPILYIPPPCQPLINTTESLRLNHELRGWVHRH EVERTKSRRMTNNQKTRILQGALEQGSNSQLMAVQYTETSSISRNSGSELQVYYASPRSYQDFFEAIR RRGDTFYVVSFRRDHLLLPATTHNKTTRPKMSIVLPAININENVINGQDYEVMQIDCQVMDTRILHIKS SSVPPYLRDQQRNQTNTFFGSPPAATEATHVSTIPESLQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007348
ORF Size:	2010 bp
Buffer:	PBS with 0.001% Pluronic F7182
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_007348.2
RefSeq Size:	2488 bp
RefSeq ORF:	2013 bp
Locus ID:	22926
UniProt ID:	P18850
Cytogenetics:	1q23.3
MW:	74.4 kDa