

Product datasheet for **MC201161**

Atf6b (NM_017406) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atf6b (NM_017406) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atf6b
Synonyms:	AA617266; ATF6beta; Creb-rp; Creb1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013534 sequence for NM_017406
 CGCCGGTTTTCTCAGCGAGCTCATGGATTTGCCGCGCCGGGAGGAGGCGGGCCGGGGAGCCGGCTCAT
 GGTGGGGGGTGGGAGGAAGATGGCGGAGCTGATGCTCCTCAGCGAGATCGCCGACCCGACGCGCTTCTTC
 ACCGACAACCTGCTGAGTCCGGAGGACTGGGACAGCACCTTGTACAGTGGCTGGATGAAGTGGCCGAGG
 AGCAGGCACAGTTGTTCCGTTGCGTGGAGCAGGATGTCCCGTTTGACAGCAGCTCTCTGGATGTGGGGAT
 GGATGTCAGCCCCCTGAGCCCCCTTGGGACCTCTACCCATCTTCCCAGATCTTCAGGTGAAGTCCGAG
 CCATCCTCTCCCTGCTCCTCCTCCTCCCTCAGCTCAGAGTCCACATCTTCCACAGAGCCCCCAGCC
 AGGTCCCTGGTGTAGGCGAGGTGCTGCATGTGAAGATGGAGTCCCTGGCACCCCCACTCTGCCTGCTGGG
 GGATGATCCAGCATCCCCCTTTGAAACGGTCCAGATCACTGTGGGCTCTGCCTCTGATGATCTTTAGAT
 ATCCAGACCAAGCTGGAACCTGCCTCTCCGTCTTCTTCTGTTCACTCTGAGGCCTCCTTGTGTGTCAGCAG
 ACTCTCCAGTCAGCCTTTTATAGGAGAGGAGGTTCTGGAAGTGAAGACAGAGTCTCCGTCCCCTCCAGG
 GTGCCCTCTGTGGGATGTCCAGCCTCTCGCTCGGAGCTGTCCAGATCAGCATGGGTCCATCCCCTGAT
 AGTTCTCAGGAAAGCTCCGGCCACTCGGAAGCTCCACTGCAGCCCAAGCCTGTGGTACTAACCACAG
 TTCGGGTGCCACCTAGAGCTGGGCTACCAGCGTCCCGTCTCCTGCAACCCCTGGTCCAGCAGCTGC
 GGTGTCCCAGTGGTCTCATCCAAGTGTATCCGAGTCCAGCCTGAAGGGCCAGCTCCCGCAGCTCCC
 CGGCCTGAGAGGAAGAGCATTGTTCCAGCCCTATGCCGGGGAACCTCTGCCCGCCTGAAGTGGATGCAA
 AGCTGTTGAAGCGGCAGCAGCGGATGATCAAGAATCGAGAGTCCGCTGCCAGTCCC GCCCAAGAAGAA
 AGAGTACCTGCAAGGCCTGGAGGCCCGGCTGCAGGCTGTGCTGGCCGACAACCAGCAGCTGCGCAGGGAG
 AACGCTGCCCTCCGGCGGCGGCTGGAGGCCCTGCTGGCAGAGAACAGCGGGCTCAAGCTGGGGTCTGGAA
 ACAGGAAGGTTGTCTGCATCATGGTCTTCTTCTTCTTATTGCCTTCACTTTGGGCTGTGAGCATCAG
 CGAGCCGCTCCAGCTCCCATGTCTCCTCGGATGAGCAGGGAGGAACCTCGACCCAGAGGCACCTGCTG
 GGCTTCTCAGAACCAGGGCCAGCTCATGGCATGGAACCCCTTCGGGAAGCCGCCAGAGCCCCGGGGAGC
 AGCAGCCAGCTCTGCAGGCAGGCCAGCTTTCAGAAACCTGACGGCCTTCCCCGGGGAGCCCAAGGAGCT
 GCTGCTGAGAGACCTGGACCAGCTCTTCTCCTCCTCAGACTGTGCCATTTC AACCGAAGTGAAGTCTCTG
 AGGCTTGCTGATGAGCTGAGTGGTGGTCCAACGTCACCAAGAGAGGTCGACGGAAGATACCTCACAGGG
 CCCAGGAGAGACAGAAGTCTCAGCTACGGAAGAAGTCTCCTCCAGTGAACCTGTCCCCACCAACCTCC
 AGGACCCCTGAAAGGGACCCCGTGGGCCAGCTGCAGCTCTACCGCCACCCCGGCCGCTCGCAGCCGGAG
 TTTCTAGACGCAATTGACCGGAGGGAGGATACCTTCTATGTTGTCTCCTTCCGAAGGGACCACCTGCTGC
 TCCCAGCCATCAGCCACAACAAGACATCCAGGCCAAGATGTCGCTGGTGTGCCAGCCATGGCCCCCAA
 TGAGACCGTGTGAGCCCGGGCCCCCAGGGGACTATGAGGAGATGATGCAGATCGAGTGTGAGGTCATG
 GACACCAGGGTATTACATCAAGACCTCTACGGTCCCCCTCGCTCCGGAAGCAGCCGTCCTTCCATCCC
 CGGGCAATACCACAGGTGCCCTTGGCAGGCTCCGAGCTAGTCTGCCATCAGGCCTCCCAGGCCCT
 CTACCTCAATCACCCCTGACATCCTCACCTCACAGTGAAGTACCGGGTTAGGGAACCTGATCCTGGG
 GCTCGGGCAATTGTAAGGAAGACGGGGTGTGGGGTTAAGCACTTAGTGGGACTAGGGTGGTGGTTC
 ACCTCTTCTCACTCTTCCAGAAATATAGGGCTCCTCTCATTCTGCACTCCAGTCTCTTTCCCCG
 AGGGTACCTCGTGAAGGTTTCCCCCATATCCTCTTCTTCTCTTATCTGTTTGGGAGTCAAGGTGG
 GACTAGGTCCCCAGGTGGGACAAGGGATGGTGTGGGTGGCAGAAGTCAGTTTATGTGTGTCGATCTT
 TTTTTATTATTATAAATAAACACGTGGAGGGGTGTAAGGAAAAAAAAAAAAAAAAAGAAAAAAAAAAAAAA A

Restriction Sites: RsrII-NotI

ACCN: NM_017406

Insert Size: 2100 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC013534](#), [AAH13534](#)

RefSeq Size: 2591 bp

RefSeq ORF: 2100 bp

Locus ID: 12915

Cytogenetics: 17 18.22 cM