

Product datasheet for **RN204853**

Atf6b (NM_001002809) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atf6b (NM_001002809) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atf6b
Synonyms:	Crebl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204853 representing NM_001002809
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGCTGATGCTCCTCAGCGAGATCGCCGACCCGACGCGCTTCTCACCGACAACCTGCTGAGTC
 CGGAGGACTGGGACAGCACCTTGTACAGTGGCCTGGATGAAGTGGCCGAGGAGCAGACGCAGTTGTTTCG
 TTGCGTGGAGCAGGATGTCCCGTTTGACAGCAGCTCTCTGGATGTGGGGATGGATGTCATCCCCCTGAG
 CCCCCTTGGGACCCTCTACCCATCTTCCAGATCTTCAGGTGAAGTCTGAGCCGCTCTCCCTGCTCCT
 CTTCTCCCTCAGCTCAGAATCCTCACATCTTTCCACAGAGCCCTCCAGCCAGGTTCTAGAGTAGGGGA
 GGTGCTGCAGGTAAGATGGAGTCCCTGGCACCCCGCTCTGCCTGCTGGGAGATGATCCAGCGTTCCTCC
 TTTGAAACAGTCCAGATCACTGTGGCTCTGCCTCTGATGATCTCGCAGATATCCAGACCAAGCTAGAAC
 CCGCCTCTCCGTCTTCTGTCAACTCCGAGGCCCTCTTGTGTGAGCAGACTCTCCAGCCAGGCTCT
 TATAGGAGAGGAGTTCTGGAAGTGAAGACAGAGTCTCCGTCCCCTCCAGGGTGCCTCCTCTGGGATGTC
 CCAGCCTCTTCACTTGGAGCTGTCCAGATCAGCATGGGTCCGTCCCCTGATAGTTCTCAGGGAAAGCTC
 CTGCCCTCGGAAGCCTCCACTGCAGCCCAAGCCTGTGGTGTAAACCACAGTTCGGTGGCCACCTAGAGC
 TGGGCTGCCAGCACTGTGCTTCTGCAGCCCTGGTCCAGCAGCCCGCAGTATCCCCGGTGGTTCTC
 ATCCAAGGTGCTATCCGAGCCAGCCTGAAGGGCCAGCTCCGGCAGCCCTCGGCCTGAGAGGAAGAGCA
 TTGTCCAGCCCCATGCCGGGGAACGCCTGCCCGCTGAAGTGGACGCGAAGTGTAAAGCGCCAGCA
 GCGGATGATCAAGAACGGGAGTCAGCTGCCAGTCCCGCCGAAGAAGAAGGAGTACCTGCAAGGCCTG
 GAGGCCCGGCTGCAGGCCGTCTGGCCGACAACCAGCAGCTGCCCGGGAGAATGCTGCCCTCCGGCCG
 GGCTGGAGGCCCTACTGGCAGAGAACCAGCGAGCTCAAGCTGGGGTCTGGAACAGGAAGTTGTCTGCAT
 CATGGTCTTCTTCTTCACTTGCCTTCAACTTTGGGCCCTGTGAGCATCAGCGAGCCACCTCCAGCTCCC
 GTCTCTCGGATGAGCAGGGAGGGACCCGACCCAGAGGCACCTGCTGGGTTCTCAGAACCAGGGCCAG
 CTCACGGCATCGAACCCCTCCAGGAAGCTGCCAAGGGCCCTGAGGAGCAGCAGCCAGCCCTGCAGGCAA
 GCCCAGCTTCAGAAACCTGACAGCCTTCCCAGTGGGGCCAAGGAGCTGCTGCTGAGAGACCTGGACCAG
 CTCTTCTTTCTCTGACTGCCGCCATTTCAACCGAACTGAGTCTCTGAGGCTTGTGATGAGCTGAGTG
 GCTGGGTCCAACGTCACCAGAGAGGTCACCAGAGAGGTCGTCGGAAGATACCTCATAGGGCCAGGAGAG
 ACAGAAGTCTCAGCTACGGAAGAAGTCCCCTCCAGTGAACCAGTCCCCACCAACTCCAGGACCCCT
 GAAAGGGACCCCTGGGCCAGCTGCAGCTACCGCCACCCAGGCCGCTCACAGCCGGAGTTTCTAGATG
 CAATTGACCGGAGGAAGATACCTTCTATGTTGTCTCTTCCGAAGGGACCACTTGTGCTCCAGCCAT
 CAGCCACAACAAGACATCCAGGCCAAGATGTCGTTGGTGTGATGCCAGCCATGGCCCCAATGAGACCGTG
 TCAGGCCGGGGCCCGCTGGGGACTATGAGGAGATGATGCAGATTGAGTGTGAAGTCATGGACACAGGG
 TGATTCACATCAAGACCTCCACGGTCCCCCCTCACTTCGGAAGCAGCCGTCCCCGTCCCCAGGCAATAC
 CACAGGTGGCCCCTTGCCAGGCTCCGACGCCAGTCCGGCCGTGAGGCCCTCCCGCCAGCCCTCTACCTC
 AATCATCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001002809
Insert Size: 2112 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:	<ol style="list-style-type: none">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:	<u>NM_001002809.3, NP_001002809.2</u>
RefSeq Size:	2507 bp
RefSeq ORF:	2112 bp
Locus ID:	406169
Cytogenetics:	20p12