

Product datasheet for **MC207890**

Atf7 (NM_146065) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atf7 (NM_146065) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Atf7
Synonyms:	1110012F10Rik; 9430065F09Rik; AI549878; C130020M04Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207890 representing NM_146065 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGAGACGACAGACCGTTTGTGTGCAGTGCCCCGGGCTGTGGACAGAGATTTACAAATGAGGACCACC
TGGCAGTTCATAAACATAAGCATGAGATGACACTGAAATTTGGCCAGCCGAACGGACTCAGTCATCAT
TGCAGATCAAACGCCTACTCCAAGTATTCCTGAAGAAGTGTGAGGAAGTGGGGCTCTCAATGAACCT
GCTAGCTCCTTTGAACATGAATTAAGAAAGCTTCTGATGACGATGAGAAAAAGGGTCTGCTGGGCCTC
TTGACATGTCTCTGCCTTCTACACCAGACATCAAATCAAGGAAGAAGAGCCAGTGGAAAGTAGACTCATC
GCCCCCTGACAGTCTGTCTAGCCCCGTGCCACCAGTGAAGGAGAAGGAAGTTACCACAAAACCG
GTTGTGATCTCTACCCCTACACCTACCATTGTACGTCCTGGCTCCCTGCCTCTCCACTTAGGTTATGATC
CACTTCATCCAACCTCTCCTTCCCCAACCTCTGTATCACACAGGCTCCACCATCCAACAGGCAAAATAGG
ATCTCCTACTGGCTCCCTCCCTCTCGTCATGCATCTTGCTAATGGACAGACCATGCCTATGTTGCCAGGG
CCTCCAGTACAGATGCCTTCTGTTATTTTCGCTGGCCAGACCTGTGTCCATGGTGCCCAACATTCTGGTA
TACCTGGCCACCGGTTAACAAACAGTGGCTCCATTCTCCCTTGCCACCCTATGCCGTCAGAAGCCAA
AATGAGACTAAAAGCCACGCTGACCCATCAAGTTTCTTCAATCAATGGAGGTTGTGGAATGGTGGTGGGT
ACTGCAAGCACCATGGTGACTGCCCGTCCAGAGCAAAACAGATCCTCATCCAGCACCCAGATGCCCAT
CCCCTGCCAGCCACAGGTCTCTCCAGCTCAGCCACCCCTAGCACTGGGGGACGGGACGGCGTACAGT
GGATGAAGATCCAGATGAGCGCGGCAGCGGTTTTAGAGCGAAACAGAGCTGCAGCCTCTCGATGCCGG
CAAAAGCGGAACTGTGGGTGTCCTCCCTGAAAAAGAAGGCAGAAGAAGTACTTCTCAGAACATTACAGC
TGAGTAATGAAGTACATTACTACGCAATGAGGTGGCTCAGCTGAAGCAGCTACTGTTAGCTCATAAAGA
TTGCCAGTCACTGCACTACAGAAAAAGACTCAAGGCTACCTAGGTAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_146065
Insert Size:	1242 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_146065.1</u> , <u>NP_666177.1</u>
RefSeq Size:	2867 bp
RefSeq ORF:	1242 bp
Locus ID:	223922
Cytogenetics:	15 F3