

Product datasheet for **RN208567**

Atf7 (NM_001108115) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atf7 (NM_001108115) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atf7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208567 representing NM_001108115
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGACGACAGACCGTTTGTGTGCAGTGCCCGAGGCTGTGGACAGAGATTTACAATGAGGACCACC
 TGGCAGTTCATAAACATAAGCATGAGATGACCCTGAAGTTCGGCCCGGCCGGACGACTCTGTCATCAT
 TGCAGATCAAACACCTACTCCAACAAGATTCTGAAGAAGTGTGAGGAGGTGGGGCTCTTCAATGAATTA
 GCTAGTTCCTTTGAACATGAATTAAGAAAGCTTCTGATGATGATGAAAAAAGGCAAGTAGTGCTGCTG
 GGCCTCTAGACATGTCTCTGCCTTCTACACCAGACATCAAAGTCAAGGAGGAAGGCCAGTGAGGTGGA
 CTCATCACCCCCGACAGTCTGCTTCTGCCCTGCTCCCCGCCACTGAAAGACAAGGAAGTTGCCACA
 AAACCTGTTGTGATCTCTACCCCTACCCACCATCGTACGTCTGGCTCCCTGCCTCTGCACCTTAGGTT
 ATGATCCACTTCACTCAACTCTTCTTCCCAACCTCTGTCATCACACAGGCTCCACCATCCAACAGGCA
 AATAGGATCTCCTACTGGCTCCCTCCCTCTCGTCATGCATCTTGTAATGGACAGACCATGCCAATGCTG
 CCAGGGCCTCCAGTACAGATGCCTTCTGTTATTTTCGCTGGCCAGACCTGTTTCCATGGTGCCCAACATTC
 CTGGTATACCTGGCCACCAGTTAAACAATAGTGGCTCTATTTCTCCCTCTGGCCACCCTATGCCGTCAGA
 AGCCAAAATGAGACTAAAAGCCACATTGACCCACCAAGTTTCTTCAATCAATGGAGTGTGGAATGGTG
 GTAGGCACTGCAAGCACCATGGTGACAGCCCGTCCAGAGCAGAACCAGATCCTCATCCAGCACCCGGATG
 CCCCATCCCCTGCCAGCCACAGGTGTCTCCAGCTCAGCCACCCTAGCACAGGGGGACGGCGTCGGCG
 CACAGTGGATGAAGATCCAGATGAGCGGGCAGCGATTTTTAGAGCGGAACAGAGCTGCAGCCTCCCGA
 TGCCGCCAAAAGCGAAAGCTGTGGGTCTCTCCCTGAAAAGAAGGCAGAAGAAGTACTTCTCAGAACA
 TTCAGCTGAGTAATGAAGTCACATTACTACGCAATGAGGTGGCTCAGTTGAAACAGACTGTTAGCTCA
 TAAAGACTGCCAGTCACTGCACTACAGAAAAGACTCAAGGCTACCTAGAAAAGTCCCAAGGAAAGCTCA
 GAGCCAACGGTTTCTCCAGCCCCAGTGATTACAGACAGTTCCGCAACAGCCCTAGCAATGGCCTTAGTG
 TTCGATCTGCAGCTGAAGCTGTGGCCACCTCGGTCTCACTCAGATGGCCAGCCAAAGGACAGAAGTGA
 CATGCCCATACAGTCACATGTGATCATGACCCACAGTCACAGTCTGCGGGCAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108115
- Insert Size:** 1458 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: NM_001108115.1, NP_001101585.1
RefSeq Size: 2238 bp
RefSeq ORF: 1458 bp
Locus ID: 315333
Cytogenetics: 7q36