

Product datasheet for **RN207397**

Atf7ip2 (NM_001017471) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atf7ip2 (NM_001017471) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atf7ip2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207397 representing NM_001017471 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGTCCAGACAGAAAAAGACGGAAGGTTTTAAAGGCCAAGAAGACAATGCCTACAAGTTGCCGA
AGCAGATGGAGATCCTGAACAGTCAAAGAATGTTGAAGCTCCAAAAACAACAGTTGTGACTAATATTCC
AAATGGCCATAATCAGAAGATGTTTTAGAAAAACAAAGAAATGTTAAGGTCATGAAAACCTCAGAGCAA
ATTAATGAAAAATGCTTGTGAGGCTCTGGAAAGGCATACAGCACTGCTAGAACAGGTTAAACATTGGATT
GACAGGAAATCTGCACGATAAACTGTAATTTATTTGATAAAAACTGAATGAATTGAATGAACGCATTGG
GAAGACCCAGTGCAGAAGTAAGCATGAAGCAATAGCTGGTGAACCTTTATAAAAAATAAGAAGACTTCAA
AAACGTATCAAAACCGTATTATCATCTCAAGGAAATTGTTTGAACCAAAACACATTACCCAGTAACACAG
TTTGTAAGGTTACAGATTCTGTGAATTTGAGTGTGACCCAAAGGTCAGTTAAAAGTCAAAGTAAAAGAAT
GTCTTCTGTGAACCATACGCCTTTAACTCTTCAGAAAAAGCAAGTAGAAAGATTAATTTGCCATCAGCT
TGTGTTGAGTTTGTCTGAAAGTAACGATGATGTTATGTTGATTCTGTGGAATCCTAATTTGACAA
CTCCAATTGCATCAGATCCAACAGAAATTAGAAAAATACATCAAGAAATGTCAGCAGTTCTCCTAATGC
CAGGAGTGAAGTTGTGCTGTAGAGAAGAAATTTGACTTTGTTATTGACCTGACAAGAGAAGGCCTGTCC
AGCTACAGCATAGGCCCTCCTTCATCAAGATTACACCATCTCGAATAGCACCATCAGCTGAGGACCAAG
CCTTCAACACAGGGGCTTTGGGGACCATTCGAATTCAGAGTGAACAGATAGGGACCAAGCCCTCCAC
CAGGAGAAAGAAGATTCTGTGAAAGAAAAAGAAATCTTCAGCAAGAGAACACCACTAGAAGAGGAGAT
GGAGGAGGCTACAGCAGGGTACAGAAGTCAGAGCTTACAGGAACCCGACCTCCAGGAATGAGTTCTCCA
GCAGTGACAACAGGAAAGGTTTCAACACCTCCTTCTGAATCAGAACCGGACCTTACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001017471
Insert Size:	1182 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:	<u>NM_001017471.1, NP_001017471.1</u>
RefSeq Size:	2015 bp
RefSeq ORF:	1182 bp
Locus ID:	497859
Cytogenetics:	10q11