

Product datasheet for **SC122745**

BATF (NM_006399) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BATF (NM_006399) Human Untagged Clone
Tag: Tag Free
Symbol: BATF
Synonyms: B-ATF; BATF1; SFA-2; SFA2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006399 edited
 CCACGCGTCCGGAGAGAGAGAGAGCGTGCAAGCCCCAAAGCGAGCGACATGTCCCTTTGG
 GGAGCAGTCCCTCTGCACCCAGAGTGAGGAGGACGAGGGTCAGAGGTGGCTACAGGG
 CAGGCAGAGGAGGCACCTGTAGGGGGTGGTGGGCTGGTGGCCAGGAGAAGTCAGAAAGG
 GAGCCCAGCTGGTGACAAGAGAGCCCAGAGGTGCCTGGGGCTGAGTGTGAGAGCCCGGAA
 GATTTAGCCATGCCTCACAGCTCCGACAGCAGTACTCCAGCTTCAGCCGCTCTCCTCC
 CCCTGGCAAACAGGACTCATCTGATGATGTGAGAAGAGTTCAGAGGAGGGAGAAAATCG
 TATTGCCGCCAGAAAGAGCCGACAGAGGCAGACACAGAAGGCCGACACCCTGCACCTGGA
 GAGCGAAGACCTGGAGAAACAGAACGCGGCTCTACGCAAGGAGATCAAGCAGCTCACAGA
 GGAAGTGAAGTACTTCACGTCGGTGTGAACAGCCACGAGCCCCCTGTGCTCGGTGCTGGC
 CGCCAGCAGCCCTCGCCCCGAGGTGGTGTACAGCGCCACGCATTCCACCAACTCA
 TGTGAGCTCCCCGCGCTTCCAGCCCTGAGCTTCCGATGCGGGGAGAGCAGAGCCTCGGGA
 GGGGCACACAGACTGTGGCAGAGCTGCGCCCATCCCGCAGAGGCCCTGTCCACCTGGAG
 ACCCGGAGACAGAGGCCTGGACAAGGAGTGAACACGGAACTGTCACGACTGGAAGGGCG
 TGAGGCCCTCCCAGCAGTGCCGCAGCGTTTCGAGGGGCGTGTGCTGGACCCCACTGTG
 GGTTGCAGGCCAATGCAGAAGAGTATTAAGAAAGATGCTCAAGTCCCATGGCACAGAGC
 AAGCGGGCAGGGAACGGTTATTTTTCTAAATAAATGCTTTAAAAGAAAAAAAAAAAAAAA
 A



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006399 unedited CGATCAGATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCAGGATATCGTCGACCC ACGCGTCCGGAGAGAGAGAGAGCGTGAAGCCCAAAGCGAGCGACATGTCCCTTTGGGG AGCAGTCCCTCTGCACCCAGAGTGAGGAGGACGAGGGGTGAGAGGTGGCTACAGGGCA GGCAGAGGAGGCACCTGTAGGGGTGGTGGGCTGGTGGCCAGGAGAAGTCAGGAAGGGA GCCCAGCTGGTGACAAGAGAGCCAGAGGTGCCTGGGGCTGAGTGTGAGAGCCCGAAGA TTTCAGCCATGCCTCACAGCTCCGACAGCAGTGACTCCAGCTTCAGCCGCTCCTCCCC CTGGCAAACAGGACTCATCTGATGTGAGAAGAGTTCAGAGGAGGGAGAAAAATCGTA TTGCCGCCAGAAAGAGCCGACAGAGGCAGACACAGAAGGCCGACACCCTGCACCTGGAGA GCGAAGACCTGGAGAAACAGAACGCGGCTCTACGCAAGGAGATCAAGCAGCTCACAGAGG AACTGAAGTACTTCAGTCCGGTGTGAACAGCCACGAGCCCTGTGCTCGGTGCTGGCCG CCAGCACGCCCTCGCCCCGAGGTGGTGTACAGCGCCACGCATTCCACCAACCTCATG TCAGCTCCCCGCGCTTCCAGCCCTGAGCTTCCGATGCGGGGAGAGCAGAGCCTCGGGAGG GGCACACAGACTGTGGCAGAGCTGCGCCATCCCGCAGAGGCCCTGTCCACCTGGAGAC CCGNAGACAGAGCCTGGACNAGGAGTGAACACGGGGACTGTACGACTGGAAGGGCGTG ANGCTCCAGCAGTCCGCANCGTTTCGAGGGGCGTGTGCTGGACCCACACTGTGGGG TTGCAGCCNATGCANAAGAGTATAANAA</p>
Restriction Sites:	Please inquire
ACCN:	NM_006399
Insert Size:	1000 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_006399.2 , NP_006390.1
RefSeq Size:	938 bp

RefSeq ORF: 378 bp

Locus ID: 10538

UniProt ID: [Q16520](#)

Cytogenetics: 14q24.3

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. The leucine zipper of this protein mediates dimerization with members of the Jun family of proteins. This protein is thought to be a negative regulator of AP-1/ATF transcriptional events. [provided by RefSeq, Jul 2008]