

Product datasheet for **SC120466**

BATF2 (NM_138456) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BATF2 (NM_138456) Human Untagged Clone
Tag:	Tag Free
Symbol:	BATF2
Synonyms:	SARI
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120466 sequence for NM_138456 edited (data generated by NextGen Sequencing)

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ATGCACCTCTGTGGGGCAATGGGCTGCTGACCCAGACAGACCCCAAGGAGCAACAAAGG
CAGCTGAAGAAGCAGAAGAACCAGGGCAGCCAGCGCCAGCGAAGCCGCGAGAAGCACACAGAC
AAGGCAGACGCCCTGCACCAGCAGCACGAGTCTCTGAAAAAGACAACCTCGCCCTGCGG
AAGGAGATCCAGTCCCTGCAGGCCGAGCTGGCGTGGTGGAGCCGGACCCTGCACGTGCAT
GAGCGCTGTGCCCATGGATTGTGCCTCCTGCTCAGCTCCAGGGCTCCTGGGCTGCTGG
GACCAGGCTGAGGGGCTCCTGGGCCCTGGCCACAGGGACAACATGGCTGCCGGGAGCAG
CTGGAGCTGTTCCAGACCCCGGGTTCCTGTTACCCAGCTCAGCCGCTCTCCAGGTCCA
CAGCCTCATGATTCTCCAGCCTCCTCCAGTGCCCCCTGCCCTACTGTCCCTTGGCCCC
GCTGTGGTTGCTGAACCTCCTGTCCAGCTGTCCCCAGCCCTCTCCTGTTGCCTCGCAC
ACTGGTTCAGCCTGCAGGGGTCTTCTCTAAGCTCAGTGCCCTCCAGCCAGCCTCAGC
GCCCAAATGCCCTCCACAGCCCTCGAGCTGGAGCATCCCACCAGAGGGAAGCTGGGG
TCCTCTCCCGACAACCTTCTCTGCCCTGGGGCTTGACGTCTGCAGAGCAGGGAGCAC
AAACCTGCTCTCTCAGCAGCCACTTGGCAAGGGCTGGTTGTGGATCCCAGCCCTCACCT
CTCCTGGCCTTCTCTGCTCTCCTCTGCTCAAGTCCACTTCTAA

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Clone variation with respect to NM_138456.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138456 unedited
 AATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGGGAAGTCAC
 AGCTGCTGAGGGACCACTCTGCTCCCCCGCTAAGCCATGCACCTCTGTGGGGCAATGG
 GCTGCTGACCCAGACAGACCCCAAGGAGCAACAAGGCAGCTGAAGAAGCAGAAGAACC
 GGCAGCCGCCAGCGAAGCCGGCAGAAGCACACAGACAAGGCAGACGCCCTGCACCAGCA
 GCACGAGTCTCTGAAAAAGACAACCTCGCCCTGCGGAAGGAGATCCAGTCCCTGCAGGC
 CGAGCTGGCGTGGTGGAGCCGGACCCTGCACGTGCATGAGCGCCTGTGCCCATGGATTG
 TGCTCTGCTCAGTCCAGGGCTCCTGGGCTGCTGGGACCAGGCTGAGGGGCTCCTGGG
 CCCTGGCCACAGGGACAACATGGCTGCCGGGAGCAGCTGGAGCTGTTCCAGACCCGGG
 TTCCTGTACCCAGCTCAGCCGCTCTCTCCAGGTCCACAGCCTCATGATTCTCCAGCCT
 CCTCCAGTGCCCTGCCCTCACTGTCCCTGGCCCGCTGTGGTTGCTGAACCTCCTGT
 CCAGCTGTCCCCAGCCCTCTCCTGTTTGCCTCGCACACTGGTTCAGCCTGCAGGGGTC
 TTCCTAAGCTCAGTGCCTCCAGCCAGCCTCACGGNCAAAGTGGCCCTNCACAGCC
 CCTCGAGCTGGAGCATCCACCAGAGGAAGCTGGGGTCTCTCCGACAACCTTCTCT
 GCCCTGGGGCTTGACGTCTGCAAAAAGGAGCACAACCTGCTCTCNCAGCCACTTG
 GCAGGGCTGGNTGGGATCCCCAGCCTCACCTNTNCTGGNCTTCTCTGTTTNTCTG
 CTAAGCN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_138456 unedited
 AAAATCATGGTCGGTGCCGAATCCANGATCGGTTTTTTTTTTTTTTTTTTAAGAATTG
 CAAAACACTTTATNTCCATCACATATGTGCCAAGACTGTGTTCTGTATCCAGGAGTGT
 GTTAGATACTAACATAGTGTTCATTTACATGTGTGTGAAACCTGGGTGAAGAGCCAGGG
 TTTCTCTCCCCACCCGCTCAGAGTGCTTGCCTGGAATCAGAGTGAAAACCCCTCT
 TGAAGCAGACACCAAACTGAACTCCACCCGGTCATGGCCCTGCTTCTCTGTGTCA
 GCCTAGTCCAAAGAGCAATGAGGGAAGTCTTAGGAGGGGTCTGAGGGTATGAGGGCCT
 GGGGGCCACACAGGGGTGGGTGCTGTCAGGTACAAGCCATCCCTGCCTGCAATAACCT
 TGCACAGGGTCTTCTCATTCTTCTCTTCTTTTGTGTTATGAGATGAATGGCTCTT
 CTGCTGTGGCTTAGGGGAGTGGGGAGGCAGGGAGCTATTTGGGAACAGCCTGGAAAGC
 TGACCCGTCAGAACTCCAGAGCCTTGGTGTGGCTATGGGTACCCAGGCTGTAGAAAT
 CCCAGATGGTCTTCCAGACCTCTCCCAACTCCAGCTCACAGTTTCAGCTTCTTGGC
 ACTGAAAACACTACTAGGGGAAGCAAGATCCACTTCAGGGCTTCTGCTTGGCCTTACC
 CACCAGGCTTGGACTCTGGACCTGCCAGCTAGGTTGGGGTTTCTGGGACTGCATGGC
 TCTGGCCCTGGAATCACGAAGCAGTGGGAGAGCCCTTTTCTGTTCTGAGCATGCAAACC
 TTCTCACACCAGCCACCGTTTCCAGGATTCAGCCCTAAGATGCCTGGGCCAGACCCGA
 AAGGAGGAGCACAGGTGGTGTTCGGCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_138456

Insert Size:

2250 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:	NM_138456.3 , NP_612465.3
RefSeq Size:	2142 bp
RefSeq ORF:	825 bp
Locus ID:	116071
UniProt ID:	Q8N1L9
Cytogenetics:	11q13.1
Protein Families:	Transcription Factors
Gene Summary:	<p>AP-1 family transcription factor that controls the differentiation of lineage-specific cells in the immune system. Following infection, participates in the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. Acts via the formation of a heterodimer with JUN family proteins that recognizes and binds DNA sequence 5'-TGA[CG]TCA-3' and regulates expression of target genes (By similarity). Selectively suppresses CCN1 transcription and hence blocks the downstream cell proliferation signals produced by CCN1 and inhibits CCN1-induced anchorage-independent growth and invasion in several cancer types, such as breast cancer, malignant glioma and metastatic melanoma. Possibly acts by interfering with AP-1 binding to CCN1 promoter.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>