

Product datasheet for **MC204204**

Batf2 (NM_028967) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Batf2 (NM_028967) Mouse Untagged Clone
Tag: Tag Free
Symbol: Batf2
Synonyms: 4933430F08Rik; B-ATF-2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024521
 CAGCTGCTGAGGGGACATCCAGGACCAGACTGAACCTCTTTTCCCCTTGCCTAAGCCATGCAACTCTGTG
 GGAGTAGCGAGCTGCTGACTGAGACAGACCTTGGGGAGTCTCAGAAACAGCTGAAGAAGAAGCAGAAGAA
 CCGAGTGGCTGCCAGCGCAGCCGGCAGAAGCACACCAGTAAGGCGGACGCTCTGCACCAGCAGCACGAA
 TCCTTGGAGAAACAGAACCACGCCCTTCGGAAGGAGATCCAGGCCCTTGCAGACTGAGCTGGCAGGGTGGG
 GCCGGACTGCACTTGCATGAACGCCTGTGCAGAGTGGACTGTGATCCCTGCCCTGTTCTGCTGCCCTC
 TGGATGCCAATCCAGGCCAAGCAACCCTCAGGACAACCTGCCCTCTTGGATAAATGGCTGCCAGGAA
 CAACTGGGCTGTCCAGACTCCGGGCTCATCTCCCCGAGCCCAGCATCTCTCCAGGTCCATGCTCTC
 ATGAGTCTCCTGGCTCCTCCCTTCCCTCCTGCCTTCACTGGCCTTTGACCCTCTCATGGTGAGGACACC
 TCTAGCCCAGCTCTCCCCAGCCCTGTCTGTCTGCATCATCACCTTCTGGTTCCAGCCTGCTGGGGTCT
 TTCTCTAAGCTTGATCCCCTCATACCCAGCCCCAAGACCAACTGGCCCCACCACAACCCCTCAGGCAGG
 AGCAGCCCACCAGTGGGAGGCTGGCATCCTCTGACTCTCCAGCTGCTCTGGGACCAGAGTGTTCACAGAA
 CAGAGAGCATTTGCCGGCACTGCCTGGCTCCTCCACTATTGGCAGAAAGTCATCTGTGGCCCTAGCCCA
 CAGGCCCTCATGGCCTTCCCCTGCTTTCTTCTGCAAAAGTCCACTTCTAGCCTATGTCTAGAGAGGACC
 TGCCTTACCTGAGCACCTAGGCAGCTCCATTTCTGTTCTTCTCTGAGTTACTGAGTGCCTACCACCGTGG
 CCACACAAAGCCATCCTGTCCCTCAGCACCGCAAAGGATGATGGAAGGGCCAAGTGAAGAACATTGAAC
 CTGGCTGGAGCATTGCCTATACCTTCTTGGCAGCACTCCCAACTCTGCACAGTACCTGCACACCAACAT
 TGGGCTCCCCAAAATGGCTCCTCATGGCTCTTGGGACTACTGAGGCAGTGACAGCTAGGAGAGTAGGT
 AGTAGGTGGATCTCTGAAAGGGTGGTCAATCACAGCACCCCAAGTGCCTCCAGTTCTTCCACAGGTT
 TTCACACAGAACTGAGTGAGACGGTGTGTGAGAACTGGACCCACTCCTGGATCAGAGCATGGTTCTTG
 GCACATGGGATGGTAAATAAAGTGTTCGCCGCTCTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_028967
Insert Size: 834 bp



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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>BC024521</u> , <u>AAH24521</u>
RefSeq Size:	1433 bp
RefSeq ORF:	834 bp
Locus ID:	74481
UniProt ID:	<u>Q8R1H8</u>
Cytogenetics:	19 A
Gene Summary:	<p>AP-1 family transcription factor that controls the differentiation of lineage-specific cells in the immune system. 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. Possibly acts by interfering with AP-1 binding to CCN1 promoter (By similarity). 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. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>