

Product datasheet for **MC222568**

Bclaf1 (NM_153787) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Bclaf1
Synonyms:	2610102K23Rik; 2700025J07Rik; 2810454G14Rik; 5730534O06Rik; AI450190; AW556225; Btf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC222568 representing NM_153787
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGCGCTCCAATTCTAGATCACATTCTTCAAGATCCAAGTCTAGATCACAGTCTAGTTCTAGATCAA
 GATCAAGATCACATTCTAGAAAGAAGAGATACAGGTCTCGTTCCAGAACATATTCGAGGTCTCGTAGTAG
 AGATCGTATTTATCTAGAGATTATCGTCGAGATTACAGGAATAATAGAGGAATGAGACGACCTTATGGG
 TACAGAGGAAGGGTAGAGGGTATTATCAAGGAGGAGGAGGAGATACCATCGAGGTGGCTATAGACCTG
 TCTGGAATAGAAGGCACTCTAGGAGTCTTAGACGAGGTCCGTCACGGTCCAGGAGTCCAAAAAGAAGATC
 CGTGTCTTCTCAAAGATCCGAAGCAGATCTCGCCGGTCATATAGATCCTCTAGGTCTCCAAGATCATCA
 TCATCTCGCTCTTCATCCCATATAGCAAATCTCTGTCTCTAAAAGACGAGGGTCTCAGGAAAAACAAA
 CAAAAAGCTGAGGGGAACCCCAAGAAGAGAGTCTTTGAAAAGCAAATCACAGGAGGAACCAAGGA
 TACTTTGAACATGATCCATCTGAATCTATTGATGAGTTTAATAAATCTGCTACTTCTGGTGATATTTGG
 CCTGGCCTTTTCAGCTTATGATAATAGTCCAAGGTCACCTCATAGTCTTACCTATTGCTACACCAACCA
 GTCAGAGTTCATCATGCTCAGATGCCCCATGCTTAGTACAGTGCAGTCTGCCAAAAATACCCCTTCTCA
 GCATTCACATTCATTACAGCAGTCTGAGAGGTCTGGATCTGGCTCTGTTGGAATGGGTCGAGTCGA
 TATAGTCTTCTCAGAATAGTCCGATTATCACATCCATCACGAAGAAGCCCTGCCAAGACAATCACAC
 CACAGAATGCTCCAAGAGAGGAATCTAGGGGGCGGTCTCCTTTTATCCTGAAGGAGATCAGGAAACAGC
 AAAGACAGGAAAGTTTTTAAAAAGGTTACAGATGAAGAGTCTAGAGTATTCTGCTTGATAGGGGTAAT
 ATCAGGGATAAAGAGGCTCCGAAGGAGAAAGGTCAGAGAAAGGCAGGGCAGATGGAGATTGGGATGACC
 AGGAAGTTCTAGATTACTTTAGTGATAAAGAGTCTGCAAAACAAAAATTCATGACTCTGAAGGGGATGA
 CACAGAGGAGACAGAGGATTATAGACAGTTTAGGAAATCAGTCTAGCAGATCAGGGCAAGAGCTTTGCT
 ACTTCATCTACCGGAATACTGAGGAGGAAGGACCCAAAGTACAAGTCCAAGTTTCATTAAGGGAATA
 GAGAAAGTGATGGATTTAGAGAAGAAAAAATTATAAACTGAAAGAGAGTGCATACATAGTCGAAGGCC
 TAGCACTGCAAGGACAAGCACAAGGAAGAAGCAAAAGGCTCTGATAGAATAACAGTGAAGAAAGAGTG
 CAGTCAACCGAGCAGGTAAAGTCTGAAAAGCTCAAAGAGCTCTTTGATTACAGTCCCCCTCTACACAAGA
 GTCTGGATGCACGAGAAAAAGTCCATCTTCAGAGAGGAGAGCCACTGAGGATCAAAATGATAGCCAGTGA
 TTCTCACCGTCTGAAGTCAAACCTCAAATGGCACCTGTTCTCTTGACGATTCCAACAGACCTGCCTCC
 TTGACTAAAGACAGGCTACTTGCTAGCACGCTTGTCATTCTGTCAAGAAAGAGCAAGAATTCGATCCA
 TCTTTGACCACATTAAGCTGCCTCAGGCCAACAAAAGCACTTCAGAATCATTTATACAACACATTGTATC
 CTTGGTTTCATCATGTGAAAGAACAATACTTCAAATCACCTGCAGTGACCTAAACGAGCGGTTCACTTCA
 TACCAGAAAGCTACTGAAGAACATAGTACCCGGCAAAAGAGCCCGAGATACACAGGAGGATTGACATCT
 CTCCAGCGCTCTGAGGAAGCACACCCGGCTAGCAGGAGAGGAGAGGTTTAAAGAAGAAATTCAGAA
 GGGAGATAAAAAAGTTAAGGTGTGATTTCGGCTGACCTTCGGCACGACATTGACCGTCGCGCTAAAGAGAGA
 AGTAAAGAGCGGGGAGATTCCAAGGCTCCAGGAGTCCAGTGGGTCCAGAAAGCAAGAAAAACACCAA
 AGGATTACAAGGAGTATAAACCTTACAAGATGACAGCAAACATAAAGGTAGAGAGCGGGACCATTCCTCG
 GTCATCGTCTCGTCAGCATCGCCGCTCTCGCCAGTTCTCGAGAAGAAAAGAGAGTAAGAAGAGAGAGA
 GAAGAAGAATTTAAACTCACCACGAGATGAAAGACTACTCAGGATTTGAGGAGTTAGCAGACCAAGAG
 GAACCTTTTTTCGAATTAGAGGCAGAGGAAGAGCCAGAGGAGTTTTGCTGGGACAAATACTGGTCCAAA
 CAACCTCAAACTCACTTTTCAAAGAGACCGAAGGAAGAGGAATGGGATCCAGAATATACCCCAAGAGC
 AAGAAGTACTTCTTGACGATGACAGAGATGATGGTGTGGATTACTGGGCCAAAAGAGGAAGAGGTCGTG
 GTACTTTTCAACGTGGCAGAGGGCGCTTTAATTTCAAAAAATCAGGTAGCAGTCCAAAATGGACTCATGA
 CAAATACCAAGGAGATGGGATTGTTGAAGATGACGAAGAGACCATGAAAAATATGAAGAGAAGAAGGAC
 AGACGCAAGAAGAAAAGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_153787

Insert Size: 2754 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_153787.2, NP_722482.1</u>
RefSeq Size:	5448 bp
RefSeq ORF:	2754 bp
Locus ID:	72567
UniProt ID:	<u>Q8K019</u>
Cytogenetics:	10 A3
Gene Summary:	Death-promoting transcriptional repressor. May be involved in cyclin-D1/CCND1 mRNA stability through the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks a 6-nt segment in the CDS, as compared to variant 1. The encoded isoform 2 lacks 2 internal aa, as compared to isoform 1.