

Product datasheet for **MR216246**

Bclaf1 (NM_001025392) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bclaf1 (NM_001025392) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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)



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ORF Nucleotide Sequence:

>MR216246 representing NM_001025392
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCGCTCCAATTCTAGATCACATTCTTCAAGATCCAAGTCTAGATCACAGTCTAGTCTAGATCAA
 GATCAAGATCACATTCTAGAAAGAAGAGATACAGGTCTCGTCCAGAACATATTCGAGGTCTCGTAGTAG
 AGATCGTATTTATTCTAGAGATTATCGTCGAGATTACAGGAATAATAGAGGAATGAGACGACCTTATGGG
 TACAGAGGAAGGGGTAGAGGGTATTATCAAGGAGGAGGAGGGAGATACCATCGAGGTGGCTATAGACCTG
 TCTGGAATAGAAGGCACTCTAGGAGTCTAGACGAGGTCCGGTCCAGGAGTCCAAAAAGAAGATC
 CGTGTCTTCTCAAAGATCCCGAAGCAGATCTCGCCGGTCATATAGATCCTCTAGGTCTCCAAGATCATCA
 TCATCTCGCTTTCATCCCATATAGCAAATCTCCTGTCTCTAAAAGACGAGGGTCTCAGAAAAACAAA
 CCAAAAAAGCTGAGGGGAAACCCAAGAAGAGAGTCTTTGAAAAGCAAATCACAGGAGGAACCAAGGA
 TACTTTTGAACATGATCCATCTGAATCTATTGATGAGTTAATAAATCTGCTACTTCTGGTGATTTTGG
 CCTGGCCTTTACGCTTATGATAATAGTCCAAGGTACCTCATAGTCTTACCTATTGCTACACCACCCA
 GTCAGAGTTCATCATGCTCAGATGCCCCATGCTTAGTACAGTGCCTCTGCCAAAAATACCCCTTCTCA
 GCATTCACATTCCATTACGACAGTCTGAGAGGTCTGGATCTGGCTCTGTTGAAAATGGGTGAGTCGA
 TATAGTCTTCTCAGAATAGTCCGATTCATCACATCCCATCACGAAGAAGCCCTGCCAAGACAATCACAC
 CACAGAATGCTCCAAGAGAGGAATCTAGGGGGCGGTCTCCTTTTATCCTGAAGGAGATCAGGAAACAGC
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 TTGACTAAAGACAGGCTACTTGCTAGCAGCTTGTCCATTCTGTCAAGAAAGAGCAAGAATTCGGATCCA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATTAAGTTTAA

Protein Sequence: >MR216246 representing NM_001025392
 Red=Cloning site Green=Tags(s)

MGRSNSRSHSSRSKRSQSSRSRSHSRKKRYRSRRTYSRSRSDRIYSRDYRRDYRNNRGMRRPYG
 YRGRGRGYYQGGGGRYHRGGYRPVWNRHRSRSPRRGRSRSPKRRSVSSQSRSRSRRSYRSSRSPRSS
 SSRSSSPYSKSPVSKRRGSQEKQTKKAEGEPQEE SPLKSKSQEEPKDTFEHDPSESIDFNKSATSGDIW
 PGLSAYDNSPRSPHSPPIATPPSQSSSCDAPMLSTVHSAKNTPSQHSHSIQHSPERSGSGSVNGSSR
 YSPSQNSPIHHIPSRSPAKTITPQNAPREESRGRSSFYPEGDQETAKTGKFLKRFDDEESRVFLLDGRN
 IRDKAPKEKGEKGRADGDWDDQEVLDYFSDKESAKQKFHDSEGDDTEETEDYRQFRKSVLADQGSFA
 TSSHRNTEEEGPKYKSKVSLKGNRESDFREEKNYKLETAYIVERPSTAKDKHKEEDKGS DRITVKKEV
 QSPEQVKSEKLKELFDYSPPLHKSLDAREKSI FREE SPLRIKMIASDSHRPEVKL KMAPVPLDDSNRPAS
 LTKDRLLASTLVHSVKEQEFRSIFDHIKLPQANKSTSEFIQHIVSLVHHVKEQYFKSPAVTLNERFTS
 YQKATEEHSTRQKSPEIHRRIDISPSALRKHTRLAGEERGFKEEIQKGDKKLRCDSDLRHDIDRRRKR
 SKERGD SKSRESGSRKQEKTPKDYKEYKPYKDDSKHKGRERDHSRSSSSASPS SPSREEKESKKER
 EEEFKTHHEMKDYSGFAGVSRPGTFFRIRGRGRARGVFA GTNTGPNSNTTFQKRPKEEWDP EYTPKS
 KKYFLHDDRDDGV DYWAKRGRGTFRGRGRNFNFKKSGSSPKWTHDKYQGDGIVEDDEETMENNEEKD
 RRKEEKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

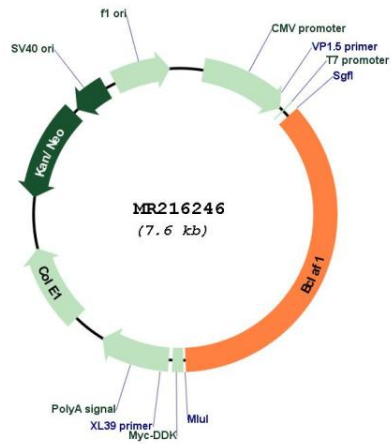


ACCN: NM_001025392

ORF Size: 2751 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001025392.1 , NP_001020563.1
RefSeq Size:	5454 bp
RefSeq ORF:	2760 bp
Locus ID:	72567
UniProt ID:	Q8K019
Cytogenetics:	10 A3
MW:	106.5 kDa
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]

Product images:



Circular map for MR216246