

Product datasheet for **MG211171**

Bclaf1 (BC034300) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bclaf1 (BC034300) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bclaf1
Synonyms:	Btf, mKIAA0164, MGC30519
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG211171 representing BC034300
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCCGCTCCAATTCTAGATCACATTCTTCAAGATCCAAGTCTAGATCACAGTCTAGTCTAGATCAA
 GATCAAGATCACATTCTAGAAAAGAGATACAGGTCTCGTCCAGAACATATTCGAGGTCTCGTAGTAG
 AGATCGTATTTATTCTAGAGATTATCGTCGAGATTACAGGAATAATAGAGGAATGAGACGACCTTATGGG
 TACAGAGGAAGGGGTAGAGGGTATTATCAAGGAGGAGGAGGAGATACCATCGAGGTGGCTATAGACCTG
 TCTGGAATAGAAGGCACTCTAGGAGTCTAGACGAGGTCCGGTCCAGGAGTCCAAAAAGAAGATC
 CGTGTCTTCTCAAAGATCCCGAAGCAGATCTCGCCGGTCATATAGATCCTCTAGGTCTCCAAGATCATCA
 TCATCTCGCTTTCATCCCATATAGCAAATCTCCTGTCTCTAAAAGACGAGGGTCTCAGAAAAACAAA
 CCAAAAAAGCTGAGGGGAAACCCAAGAAGAGAGTCTTTGAAAAGCAAATCACAGGAGGAACCAAGGA
 TACTTTTGAACATGATCCATCTGAATCTATTGATGAGTTAATAAATCTGCTACTTCTGGTGATTTTGG
 CCTGGCCTTTACGCTTATGATAATAGTCCAAGGTACCTCATAGTCTTACCTATTGCTACACCACCCA
 GTCAGAGTTCATCATGCTCAGATGCCCCATGCTTAGTACAGTGCCTCTGCCAAAAATACCCCTTCTCA
 GCATTCACATTCCATTACGACAGTCTGAGAGGTCTGGATCTGGCTCTGTTGGAATGGGTGAGTTCGA
 TATAGTCTTCTCAGAATAGTCCGATTCATCACATCCCATCACGAAGAAGCCCTGCCAAGACAATCACAC
 CACAGAATGCTCCAAGAGAGGAATCTAGGGGGCGGTCTCCTTTTATCCTGAAGGAGATCAGGAAACAGC
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 CTTGGTTCATCATGTGAAAGAACAATACTTCAAATCACCTGCAAGTACCCGTAACAGAGCGGTTCACTTCA
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 CAAATACCAAGGAGATGGGATTGTTGAAGATGACGAAGAGACCATGGAAAATAATGAAGAGAAGAAGGAC
 AGACGCAAGAAGAAAAGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG211171 representing BC034300
 Red=Cloning site Green=Tags(s)

MGRSNSRSHSSRSKRSRSQSSRSRSRSHSRKKRYRSRRTYSRSRSDRIYSRDYRRDYRNNRGMRRPYG
 YRGRGRGYYQGGGGRYHRGGYRPVWNRHRSRSPRRGRSRSRSPKRSSVSSQRSSRSRRSYRSSRSPRSS
 SSRSSSPYSKSPVSKRRGSQEKQTKKAEGEPQEE SPLKSKSQEEPKDTFEHDPSESIDFNKSATSGDIW
 PGLSAYDNSPRSPHSPPIATPPSQSSSCSDAPMLSTVHSAKNTPSQHSHSIQHSPERSGSGVGVNGSSR
 YSPSQNSPIHHIPSRSPAKTITPQNAPREESRGRSSFYPEGDQETAKTGKFLKRFDEESRVFLLDRGN
 IRDKAEPKEKGSEKGRADGDWDDQEVLDYFSDKESAKQKFHDSEGDDEETEDYRQFRKSVLADQKGSFA
 TSSHRNTEEEGPKYKSKVSLKGNRESDFREEKNYKLETAYIVERPSTAKDKHKEEDKGS DRITVKKEV
 QSPEQVKSEKLKELFDYSPPLHKSLDAREKSIFREESPLRIKMIASDSHRPEVKLKMAPVPLDDSNRPAS
 LTKDRLLASTLVHSVKEQEFRSIFDHIKLPQANKSTSEFIQHIVSLVHHVKEQYFKSPAVTLNERFTS
 YQKATEEHSTRQKSPEIHRRIDISPSALRKHTRLAGEERGFKEEIQKGDKKLRCDSDLRHDIDRRRKR
 SKERGD SKSRESGSRKQEKTPKDYKEYKPYKDDSKHKGRERDHSRSSSSASPS SPSREEKESKKER
 EEEFKTHHEMKDYSGFAGVSRPGTFFRIRGRGRARGVFA GTNTGPNSNTTFQKRPKKEEWDPEYTPKS
 KKYFLHDDRDDGVYAWAKRGRGTFRGRGRFNFKKSGSSPKWTHDKYQGDGIVEDDEETMENNEEKD
 RRKEEKE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

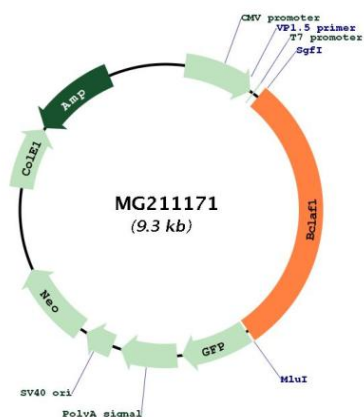
Cloning Scheme:



ACCN: BC034300

ORF Size:	2753 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:	BC034300 , AAH34300
RefSeq Size:	3157 bp
RefSeq ORF:	2753 bp
Locus ID:	72567
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]

Product images:



Circular map for MG211171