

Product datasheet for **RG215839**

BTF (BCLAF1) (NM_001077440) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTF (BCLAF1) (NM_001077440) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BTF
Synonyms:	bK211L9.1; BTF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG215839 representing NM_001077440
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCGCTCCAATTCTAGATCACATTCTTCAAGGTCAAAGTCTAGATCACAGTCTAGTCTCGATCAA
 GATCAAGATCTCATTCTAGAAAAGCGATACAGGTCTCGTCCAGAACATATTCAGGTCTCGTAGTAG
 AGATCGTATGTATTCTAGAGATTATCGTCGCGATTACAGAAATAATAGAGGAATGAGACGACCTTATGGG
 TACAGAGGAAGGGGTAGAGGGTATTATCAAGGAGGAGGAGGTAGATATCATCGAGGTGGTTATAGACCTG
 TCTGGAATAGAAGGCACTCTAGGAGTCTAGACGAGGTCTCACGTTCCAGGAGTCCAAAAAGAAGATC
 CGTTTCTTCTCAAAGATCCAGAAGCAGATCTCGCCGGTCATATAGATCTTCTAGGTCTCAAAGATCATCC
 TCTTCTCGTTCTCATCCCATATAGCAAATCTCCTGTTCTAAAAGACGAGGGTCTCAGAAAAACAAA
 CCAAAAAAGCTGAAGGGAAACCCAAGAAGAGAGTCCGTTGAAAAGTAAATCACAGGAGGAACCGAAAGA
 TACATTTGAACATGACCCATCTGAGTCTATCGATGAATTAATAAGTCATCAGCCACATCCGGTGATATT
 TGGCCTGGCCTTTCAGCTTATGATAATAGTCTAGATCACCCATAGTCCTTACCTATTGCTACACCAC
 CTAGTCAGAGTTCATCTTGCTCTGATGCTCCCATGCTCAGTACAGTTCACCTCTGCAAAAAATACTCCTTC
 TCAGCATTACATTCCATTACAGCATAGTCTGAAAGGTCTGGGTCTGGTTCTGTTGGAAATGGATCTAGT
 CGATACAGTCTTCTCAGAATAGTCCAATTCATCACATCCCTTCACGAAGAAGTCTGCAAAAGACAATCG
 CACCACAGAATGCTCCAAGAGATGAGTCTAGGGGCCGTTCTCGTTTTATCCTGATGGTGGAGATCAGGA
 AACTGCAAAGACTGGGAAGTTCTTAAAAAGTTTACAGATGAAGAGTCTAGAGTATTCTGCTTGATAGG
 GGTAAATACCAGGGATAAAGAGGCTTCAAAGAGAAAGGATCAGAGAAAGGGAGGGCAGAGGGAGAATGGG
 AAGATCAGGAAGCTCTAGATTACTTCAGTGATAAAGAGTCTGAAAAACAAAAGTTAATGATTCAGAAGG
 GGATGACACAGAGGAGACAGAGGATTATAGACAGTTCAGGAAGTCACTCCTCGCAGATCAGGGTAAAAGT
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 GAAACTCAGTCACCTGAGCAGGTAAAGTCTGAAAAGCTCAAAGACCTCTTTGATTACAGTCCCCCTTAC
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 GAGTGATTCTCACCGTCTGAAGTCAAATCAAATGGCACCTGTTCTCTTGATGATTCTAACAGACCT
 GCTTCCTTGACTAAAGACAGGCTGCTTGCTAGTACACTTGTCATTCTGTCAAGAAGGAGCAAGAATTCC
 GATCCATCTTTGACCACATTAAGTTGCCACAGGCCAGAAAAGCACTTCAGAGTCATTTATTCAACACAT
 TGTGTCCTTGTTTCATCATGTTAAAGAGCAATACTTCAAGTCAGCTGCAATGACCCTAAACGAGCGGTTT
 ACTTCGTATCAGAAAGCCACTGAAGAACATAGTACTCGGCAAAAGAGCCCTGAAATACACAGGAGAAATTG
 ACATCTCACCAAGTACCTGAGGAAGCATACCCGTTTAGCAGGGGAAGAGAGAGTTTTTAAAGAAGAAAA
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 TCCAAAAGATTACAAGGAATACAAATCTTACAAGATGACAGTAAACATAAAAGAGAGCAAGATCATT
 TCGATCTTCATCTCTTACAGATCACCTTCTTCCAGTCTCGAGAAGAAAAGGAGAGTAAGAAGGAA
 AGAGAAGAAGAAATTTAAACTCACCATGAAATGAAAGAATACTCAGGCTTTCAGGAGTTAGCCGACCAC
 GAGGAACCTTTATGACGACAGAGATGATGGTGTGGATTATTGGGCCAAAAGAGGAAGAGTCTGGTAC
 TTTTCAACGTGGCAGAGGGCGCTTAACTTCAAAAAATCAGGTAGCAGTCTAAATGGACTCATGACAAA
 TACCAAGGGGATGGGATTGTTGAAGATGAAGAAGAGACCATGGAAAAATGAAGAAAAGAAGGACAGAC
 GCAAGGAAGAAAAGGAA

ACCGGTACGCGGCCGCTCGAG – GFP Tag – **GTTTAA**

Protein Sequence: >RG215839 representing NM_001077440
 Red=Cloning site Green=Tags(s)

MGRSNSRSHSSRSKRSQSSRSRSHSRKRYRSRRTYSRSRSDRMYSRDYRRDYRNNRGMRRPYG
 YRGRGRGYYQGGGGRYHRGGYRPVWNRHRSRSPRRGRSRSPKRRSVSSQSRSRSRRSYRSSRSPRSS
 SSRSSSPYSKSPVSKRRGSQEKQTKKAEGEPQEE SPLKSKSQEEP KDTFEHDPSESIDFNKSSATSGDI
 WPGLSAYDNSPRSPHSPPIATPPSQSSSCSDAPMLSTVHSAKNTPSQHSHSIQHSPERSGSGSVGNGSS
 RYSPSQNSPIHHIPSRSPAKTIAPQNAPRDESRGRSSFYPDGGDQETAKTGKFLKRFTDEESRVFLLDR
 GNTRDKEASKEKGSEKGRAEGEWEDQEALDYFSDKESGKQKFNDSEGDDETEEDYRQFRKSVLADQGS
 FATASHRNTREEGLKYKSKVSLKGNRESDFREEKNYKLKETGYVVERPSTTKDKHKEEDKNSERITVKK
 ETQSPEQVKSEKLDLFDYSPPLHKNLDAREKSTFREESPLRIKMIASDSHRPEVKLKMAPVPLDDSNRP
 ASLTKDRLLASTLVHVKKEQEFRSIFDHIKLPQASKSTSEF IQHIVSLVHHVKEQYFKAAMTLNERF
 TSYQKATEEHSTRQKSPEIHRRIDISPSTLRKHTRLAGEERVFKENQKGDKKLRCDADLRHIDRRRK
 ERSKERGDSKGSRESSGRKQKTPKDYKEYKSYKDDSKHKREQDHSRSSSSSASPSSPSSREEKESKKE
 REEEFKTHHEMKEYSGFAGVSRPRGTFHDDRDDGVYAWKRGRGRGTFQRGRGRFNFKKSGSSPKWTHDK
 YQGDGIVEDEEETMENNEEKDRRKEEKE

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

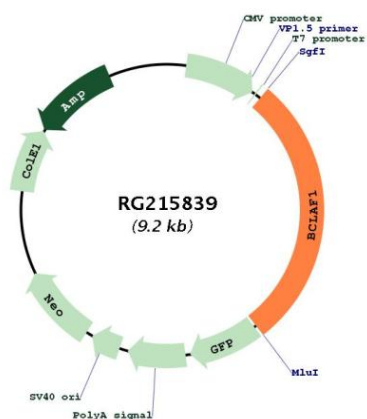
Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN:	NM_001077440
ORF Size:	2607 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_001077440.1 , NP_001070908.1
RefSeq Size:	7124 bp
RefSeq ORF:	2610 bp
Locus ID:	9774
UniProt ID:	Q9NYF8
Cytogenetics:	6q23.3
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a transcriptional repressor that interacts with several members of the BCL2 family of proteins. Overexpression of this protein induces apoptosis, which can be suppressed by co-expression of BCL2 proteins. The protein localizes to dot-like structures throughout the nucleus, and redistributes to a zone near the nuclear envelope in cells undergoing apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG215839