

Product datasheet for **RG215897**

BTF (BCLAF1) (NM_001077441) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTF (BCLAF1) (NM_001077441) 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:**

>RG215897 representing NM_001077441
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCGCTCCAATTCTAGATCACATTCTTCAAGGTCAAAGTCTAGATCACAGTCTAGTTCTCGATCAA
 GATCAAGATCTCATTCTAGAAAGAAGCGATACAGTTCTAGGTCTCGTTCCAGAACATATTCAAGGTCTCG
 TAGTAGAGATCGTATGTATTCTAGAGATTATCGTCGCGATTACAGAAATAATAGAGGAATGAGACGACCT
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 AAGATCCGTTTCTTCTCAAAGATCCAGAAGCAGATCTCGCCGGTCATATAGATCTTCTAGGTCTCCAAGA
 TCATCCTCTTCTCGTTCTTCATCCCATATAGCAAATCTCCTGTTTCTAAAGACGAGGGTCTCAGGAAA
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 TCCTTCTCAGCATTACATTCCATTAGCATAGTCTGAAAGGTCTGGGTCTGGTTCTGTTGGAATGGA
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 GGGCGCTTTAACTTCAAAAAATCAGGTAGCAGTCCTAAATGGACTCATGACAAATACCAAGGGGATGGGA
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 A

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

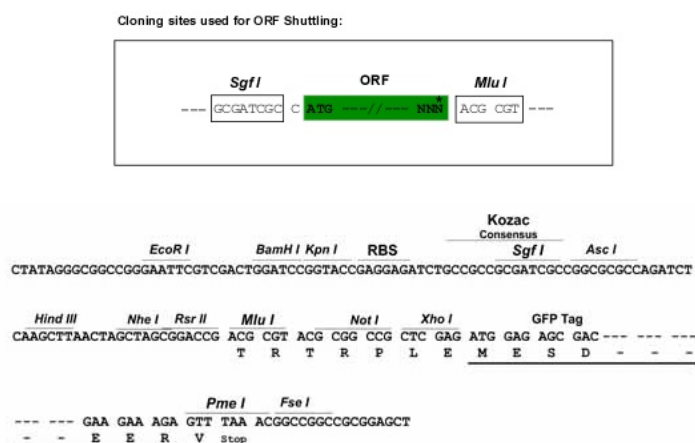
Protein Sequence: >RG215897 representing NM_001077441
Red=Cloning site Green=Tags(s)

MGRNSRSHSSRSKSRQSSSRSRSRSHSRKKRYSSRSRSRTYSRSRSDRMYSRDYRRDYRNRMGRMP
YGYRGRGRGYYQGGGGRYHGGYRPVWNRHSRSPRRGRSRSPKRRSVSSQSRSRSRRSYRSSRSPR
SSSSRSSPYSKSPVSKRRGSQEQKTKKAEGEPQEE SPLKSKSQEPEKDTFEHDPSESIDFNKSSATSG
DIWPGLSAYDNSPRSPHSPPIATPPSQSSSCDAPMLSTVHSAKNTPSQHSHSIQHSPERSGSGSVNG
SSRYSPSQNSPIHHIPSRSPAktiAPQNA PRDESRGSSFPYDGGDQETAKTKGFLKSPPLHKNLDARE
KSTFREESPLRIKMIASDSHREPVKLMAPVPLDDSNRPASLTKDRLLASTLVHSVKKEQEFRSIFDHIK
LPQASKSTSEFIQHIIVSLVHHVKEQYFKSAAMTLNERFTSYQKATEEHSTRQKSPeiHRRIDISPSTLR
KHTRLAGEERVFEENQKGDKKLRCDsADLRHIDRRRKERSKERGDSKSGRESSSGSRKQEKTPKDYKEY
KSYKDDSKHKHREQDHSNSSSSASPSSPSSREEKSEKKEREEEFKTHHEMKEYSGFAGVSRPRGTFFRIR
GRGRAGVFAgTNGTPNNSNTTFQKRPKEEEDPEYTKSKKYFLTHDDRDDGVDYAKRGRGRGTfQRGR
GRFNFKSGSSPKWTHDKYOGDGFVEDEEFTMENNEKKDRKEKE

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 001077441

ORF Size: 2241 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:

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_001077441.2](#)

RefSeq Size: 6758 bp

RefSeq ORF: 2244 bp

Locus ID: 9774

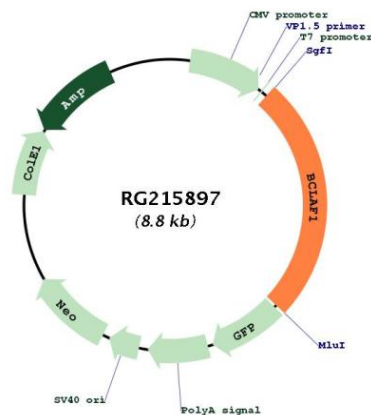
UniProt ID: [Q9NYF8](#)

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 RG215897