

Product datasheet for **SC337678**

BTF (BCLAF1) (NM_001301038) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTF (BCLAF1) (NM_001301038) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTF
Synonyms:	bK211L9.1; BTF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001301038, the custom clone sequence may differ by one or more nucleotides

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ATGGGTCGCTCCAATTCTAGATCACATTCTTCAAGGTCAAAGTCTAGATCACAGTCTAGTTCTCGATCAA
GATCAAGATCTCATTCTAGAAAGAAGCGATACAGGTCTCGTCCAGAACATATTCAAGGTCTCGTAGTAG
AGATCGTATGTATTCTAGAGATTATCGTCGCGATTACAGAAATAATAGAGGAATGAGACGACCTTATGGG
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CTAGTCAGAGTTCATCTTGCTCTGATGCTCCCATGCTCAGTACAGTTCCTCTGCAAAAAATACTCTTC
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GACAGACGCAAGGAAGAAAAGGAATAA
    
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Restriction Sites: SgfI-MluI
ACCN: NM_001301038

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.
RefSeq:	<u>NM_001301038.1, NP_001287967.1</u>
RefSeq Size:	7271 bp
RefSeq ORF:	2757 bp
Locus ID:	9774
UniProt ID:	<u>Q9NYF8</u>
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] Transcript Variant: This variant (4) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The resulting protein (isoform 4) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.