

## Product datasheet for **SC315618**

### **BTF (BCLAF1) (NM\_001077441) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BTF (BCLAF1) (NM_001077441) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTF
Synonyms:	bK211L9.1; BTF
Vector:	<u>pCMV6 series</u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001077441, the custom clone sequence may differ by one or more nucleotides

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ATGGGTCGCTCCAATTCTAGATCACATTCTTCAAGGTCAAAGTCTAGATCACAGTCTAGT
TCTCGATCAAGATCAAGATCTCATTCTAGAAAAGCGATACAGTTCTAGGTCTCGTTCC
AGAACATATTTCAAGGTCTCGTAGTAGAGATCGTATGTATTCTAGAGATTATCGTCGGAT
TACAGAAATAATAGAGGAATGAGACGACCTTATGGGTACAGAGGAAGGGGTAGAGGGTAT
TATCAAGGAGGAGGAGGTAGATATCATCGAGGTGGTTATAGACCTGTCTGGAATAGAAGG
CACTCTAGGAGTCTAGACGAGGTCTGTTACGTTCCAGGAGTCCAAAAAGAAGATCCGTT
TCTTCTCAAAGATCCAGAAGCAGATCTCGCCGGTCATATAGATCTTCTAGGTCTCCAAGA
TCATCCTCTTCTCGTTCTTATCCCATATAGCAAATCTCCTGTTTCTAAAAGACGAGGG
TCTCAGGAAAAACAAACCAAAAAAGCTGAAGGGGAACCCCAAGAAGAGAGTCCGTTGAAA
AGTAAATCACAGGAGGAACCGAAAGATACATTTGAACATGACCCATCTGAGTCTATCGAT
GAATTTAATAAGTCATCAGCCACATCCGGTGATATTTGGCCTGGCCTTTCAGCTTATGAT
AATAGTCTAGATCACCCATAGTCTTACCTATTGCTACACCACCTAGTCAGAGTTCA
TCTTGCTCTGATGCTCCCATGCTCAGTACAGTTCACTCTGCAAAAAATACTCCTTCTCAG
CATTACATTCCATTAGCATAGTCTGAAAGGTCTGGGTCTGGTCTGTTGGAATGGA
TCTAGTCGATACAGTCTTCTCAGAATAGTCCAATTCATCACATCCCTTACGAAGAAGT
CCTGCAAAGACAATCGCACCCACAGAATGCTCCAAGAGATGAGTCTAGGGCCGTTCTCG
TTTTATCTGTATGGTGGAGATCAGGAACTGCAAAGACTGGGAAGTTCTTAAAAAGTCCC
CCTCTACACAAGAATCTGGATGCACGAGAAAAGTCTACCTTCAGAGAGGAAAGCCCACTT
AGGATCAAAATGATAGCGAGTGATTCTCACCGTCTGAAGTCAAACCTCAAATGGCACCT
GTTCTCTTGATGATTCTAACAGACCTGCTTCTTACTAAAGACAGGCTGCTTGCTAGT
ACACTTGTCCATTCTGTCAAGAAGGAGCAAGAATCCGATCCATCTTTGACCACATTAAG
TTGCCACAGGCCAGCAAAAGCACTTCAGAGTCATTTATTCAACACATTGTGTCCTTGTT
CATCATGTTAAAGAGCAATACTTCAAGTCAGTCAATGACCCTAAACGAGCGGTTCACT
TCGTATCAGAAAGCCACTGAAGAACATAGTACTCGGCAAAAGAGCCCTGAAATACACAGG
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CGGCATGACATTGATCGCCGTAGAAAAGAAAGAAAGTAAAGAACGGGGAGATTCCAAGGGC
TCCAGGGAATCCAGTGGATCAAGAAAGCAGGAAAAAACTCCAAAAGATTACAAGGAATAC
AAATCTTACAAAGATGACAGTAAACATAAAAGAGAGCAAGATCATTCTCGATCTTATCC
TCTTCAGCATCACCTTCTTCTCCAGTTCTCGAGAAGAAAAGGAGAGTAAGAAGGAAAGA
GAAGAAGAATTTAAAACCTACCATGAAATGAAAGAATACTCAGGCTTTGCAGGAGTTAGC
CGACCACGAGGAACCTTTTTTTCGAATTAGAGGCAGAGGAAGAGCCAGAGGAGTTTTGCT
GGGACAAATACTGGTCCAACAACCTCAAATACTACTTTTCAAAGAGACCCGAAGGAAGAG
GAATGGGATCCAGAATATACCCAAAGAGCAAGAAGTACTTCTTGATGACGACAGAGAT
GATGGTGTGGATTATTGGGCCAAAAGAGGAAGAGGTCTGGTACTTTTCAACGTGGCAGA
GGGCGCTTAACTTCAAAAAATCAGGTAGCAGTCTAAATGGACTCATGACAAATACCAA
GGGGATGGGATTGTTGAAGATGAAGAAGAGACCATGAAAAATAATGAAGAAAAGAAGGAC
AGACGCAAGGAAGAAAAGGAA

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001077441

**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).

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001077441.1</a></u> , <u><a href="#">NP_001070909.1</a></u>
<b>RefSeq Size:</b>	6758 bp
<b>RefSeq ORF:</b>	2244 bp
<b>Locus ID:</b>	9774
<b>UniProt ID:</b>	<u><a href="#">Q9NYF8</a></u>
<b>Cytogenetics:</b>	6q23.3
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The resulting protein (isoform 3) is shorter than isoform 1.</p>