

## Product datasheet for **SC315626**

### **BTF (BCLAF1) (NM\_001077440) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BTF (BCLAF1) (NM_001077440) 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\_001077440, the custom clone sequence may differ by one or more nucleotides

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ATGGGTCGCTCCAATTCTAGATCACATTCTTCAAGGTCAAAGTCTAGATCACAGTCTAGT
TCTCGATCAAGATCAAGATCTCATTCTAGAAAAGCGATACAGGTCTCGTTCAGAACAA
TATTCAAGGTCTCGTAGTAGAGATCGTATGTATTCTAGAGATTATCGTCGCGATTACAGA
AATAATAGAGGAATGAGACGACCTTATGGGTACAGAGGAAGGGGTAGAGGGTATTATCAA
GGAGAGGAGGTAGATATCATCGAGGTGTTATAGACCTGTCTGGAATAGAAGGCACTCT
AGGAGTCCCTAGACGAGGTCTGTTACGTTCCAGGAGTCCAAAAAGAAGATCCGTTTCTTCT
CAAAGATCCAGAAGCAGATCTCGCCGTCATATAGATCTTCTAGGTCTCCAAGATCATCC
TCTTCTCGTTCATCCCCATATAGCAAATCTCCTGTTTCTAAAAGACGAGGGTCTCAG
GAAAAACAAACAAAAAGCTGAAGGGAAACCCCAAGAAGAGAGTCCGTTGAAAAGTAA
TCACAGGAGGAACCGAAAGATACATTTGAACATGACCCATCTGAGTCTATCGATGAATTT
AATAAGTCATCAGCCACATCCGGTGATATTTGGCCTGGCCTTTCAGCTTATGATAATAGT
CCTAGATCACCCATAGTCCCTTACCTATTGCTACACCACCTAGTCAGAGTTCATCTTGC
TCTGATGCTCCCATGCTCAGTACAGTTCCTCTGCAAAAAATACTCCTTCTCAGCATTCA
CATTCCATTAGCATAGTCCGAAAGGTCTGGGTCTGGTCTGTTGGAAATGGATCTAGT
CGATACAGTCTTCTCAGAATAGTCCAATTCATCACATCCCTTCCGAAGAAGTCCCTGCA
AAGACAATCGCACACAGAATGCTCCAAGAGATGAGTCTAGGGGCGGTTCTCGTTTTAT
CCTGATGGTGGAGATCAGGAACTGCAAGACTGGGAAGTTCTTAAAAAGGTTCCAGAT
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TACTTCAGTGATAAAGAGTCTGGAAAACAAAAGTTAATGATTTCAGAAGGGGATGACACA
GAGGAGCAGAGGATTATAGACAGTTCAGGAAGTCACTCCTCGCAGATCAGGGTAAAAGT
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TCACTGAAAGGCAATAGAGAAAGTGATGGATTTAGAGAAGAAAAAATTATAAACTTAAA
GAGACTGGATATGTAGTGGAAAGGCTAGCACTACAAAAGATAAGCACAAAGAAGAAGAC
AAAAATTCTGAAAGAATAACAGTAAAGAAAGAACTCAGTCACCTGAGCAGGTAAAGTCT
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CACCGTCTGAAGTCAAACCTCAAATGGCACCTGTTCTCTTGATGATTCTAACAGACCT
GCTTCTTGACTAAAGACAGGCTGCTTGCTAGTACACTTGTCCATTCTGTCAAGAAGGAG
CAAGAATTCGGATCCATCTTTGACCACATTAAGTTGCCACAGGCCAGCAAAGCATTCA
GAGTCATTTATTCAACACATTGTGTCCTTGGTTCATCATGTTAAAGAGCAATACTTCAAG
TCAGCTGCAATGACCCTAAACGAGCGGTTCACTTCGTATCAGAAAAGCCACTGAAGAACAT
AGTACTCGGCAAAAGAGCCCTGAAATACACAGGAGAATTGACATCTCACCAAGTACCCTG
AGGAAGCATACCCGTTTAGCAGGGGAAGAGAGAGTTTTTAAAGAAGAAAAACAAAAGGGA
GATAAAAAATTAAGGTGTGACTCTGCTGACCTTCGGCATGACATTGATCGCCGTAGAAAA
GAAAGAAGTAAAGAACGGGGAGATTCCAAGGGCTCCAGGGAATCCAGTGGATCAAGAAAG
CAGGAAAAAACTCCAAAAGATTACAAGGAATACAAATCTTACAAAAGATGACAGTAAACAT
AAAAGAGAGCAAGATCATTCTCGATCTTATCCTCTTCCAGCATCACCTTCTTCCCAGT
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AGAGATGATGGTGTGGATTATTGGGCCAAAAGAGGAAGAGGTCGTGGTACTTTTCAACGT
GGCAGAGGGCGCTTAACTTCAAAAAATCAGGTAGCAGTCTAAATGGACTCATGACAAA
TACCAAGGGGATGGGATTGTTGAAGATGAAGAAGAGACCATGGAAAATAATGAAGAAAAG
AAGGACAGACGCAAGGAAGAAAAGGAA
    
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**Restriction Sites:** Please inquire  
**ACCN:** NM\_001077440

<b>OTI Disclaimer:</b>	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>NM_001077440.1, NP_001070908.1</u>
<b>RefSeq Size:</b>	7124 bp
<b>RefSeq ORF:</b>	2610 bp
<b>Locus ID:</b>	9774
<b>UniProt ID:</b>	<u>Q9NYF8</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 (2), also known as btfS, lacks an alternate in-frame exon, compared to variant 1. The resulting protein (isoform 2) is shorter than isoform 1.</p>