

Product datasheet for **SC114841**

BTF (BCLAF1) (NM_014739) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTF (BCLAF1) (NM_014739) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTF
Synonyms:	bK211L9.1; BTF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114841 sequence for NM_014739 edited (data generated by NextGen Sequencing)

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ATGGGTCGCTCCAATTCTAGATCACATTCTTCAAGGTCAAAGTCTAGATCACAGTCTAGT
TCTCGATCAAGATCAAGATCTCATTCTAGAAAAGCGATACAGTTCTAGGTCTCGTTCC
AGAACATATTTCAAGGTCTCGTAGTAGAGATCGTATGTATTCTAGAGATTATCGTCGGAT
TACAGAAAATAGAGGAATGAGACGACCTTATGGGTACAGAGGAAGGGGTAGAGGGTAT
TATCAAGGAGGAGGAGGTAGATATCATCGAGGTGGTTATAGACCTGTCTGGAATAGAAGG
CACTCTAGGAGTCTAGACGAGGTCTTACGTTCCAGGAGTCCAAAAAGAAAGATCCGTT
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TCATCCTCTTCTCGTTCTTATCCCATATAGCAAATCTCCTGTTTCTAAAAGACGAGGG
TCTCAGGAAAAACAAACCAAAAAAGCTGAAGGGGAACCCCAAGAAGAGAGTCCGTTGAAA
AGTAAATCACAGGAGGAACCGAAAGATACATTTGAACATGACCCATCTGAGTCTATCGAT
GAATTTAATAAGTCATCAGCCACATCCGGTGATATTTGGCCTGGCCTTTCAGCTTATGAT
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CATTACATTCCATTAGCATAGTCTGAAAGGTCTGGGTCTGGTCTGTTGGAATGGA
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CCTGCAAGACAATCGCACCCACAGAATGCTCCAAGAGATGAGTCTAGGGGCCGTTCTCG
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GAAGAAGAGACCATGAAAATAATGAAGAAAAGAGGACAGACGCAAGGAAGAAAAGGAA
TAA

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Clone variation with respect to NM_014739.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014739 unedited
 NGGGGTTCAGATTTGTATCCGACTCACTATAGGCGGCCGCGAATTCGCACGAGGGTTCT
 TGAGTCGGGAAAGGCCGCTGTGTGGTTGCAACGGAGATAAATCCCGAAACCGGATTCCG
 GCGTGTCAAGAAATTCGAATTTAGAGTTTAAATTTCTCAGAGCATTCTCTCCAGGAAGAATT
 TTTACAGTATCTCAAAGACTTCACTTGACTTCTTGATCCTGCATAAAACCAAGGAGAAAA
 GAAATGGGTCGCTCCAATTCTAGATCACATTCTCAAGGTCAAAGTCTAGATCACAGTCT
 AGTTCTCGATCAAGATCAAGATCTCATTCTAGAAAGAAGCGATACAGTTCTAGGTCTCGT
 TCCAGAACATATTCAAGGTCTCGTAGTAGAGATCGTATGTATTCTAGAGATTATCGTCGC
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 TATTATCAAGGAGGAGGAGGTAGATATCATCGAGGTGGTTATAGACCTGTCTGGAATAGA
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 AAGATCATCTTCTCGTTCTTATCCCCATATAGCAAATCTCCTGTTTCTAAAAGACG
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 TGAAGAAGTAAATCCAGGAGGTAACCGAAAGATACATTTGAACATGACCCATCTGAGTCT
 ATCGATGAATTAATAAGTCATCAGCCCCATCCGGTGATATTTGCCTCGCCTTTCAGCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014739 unedited
 ACCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGCAGGTA
 TTACTTGTGACATTTTATTGGCGTATGACAATTTACAAGGGTCCCTGTTGCATCATTATA
 CATCACACTGAGTAAGAATCGTTTAGCCATCTACATTCAATGTTACTGGGTAATATTTTT
 CTCAAATTATAATCCCAACACTGATTTTACCTGTGACAAAAGGAACAATAGTAATTCCT
 TGAAGAAGACTAACTGGAAAAACATTTTGCTTTTAGTATAAAAAATTCCTAGGATGCTGA
 AAGGTACACATACACACCTAAAGAGTCATGGCCTTCTTAAACAGCTTTCTTAATCCTTTC
 TGGAAATATCCTTTGGTTCATTTTTATTGCCCTCTCTAGGCAAAACAAAGTATGTTAAC
 GCAGGTATCAGTGAGTTATTTCTAGCACTTGTAAGCAAATATCCTTACCAAGAGGAACC
 ATTCAACTTTTATAATATCGTAAAGCGTGGAGTTAAGATGTGTTTTTAAAAAATATACAG
 GCTTTTTATAGCTTGGATCTGAAAAAGGTAACATCCACAATGACATTCTATTACAGAGT
 TCTTACAATCACCTAGCCTACTACACTCTGGTATAATACTCTTCTTCAATTCTGTTTA
 ACAGAATAAAAGTAACCAAAGGTTAAAGCCATGCATTTGAACTAAAAATAAACCTGCC
 ACAGGAATTAAGTAGTTTTTATCCCACTCCCTATTACATAATTTCTCAGATCCCTTTTA
 CCTATNNGTCTTAGTGGATAGCACATAGTCATGCCACAGATTTGATGTCTACCAAGTAAC
 TGTATGGTATTTATTGTATACAATAAAGGGTCATGAAAATCTGTGTTGGGAATACATC
 CTGTTGCTTTCCACT

Restriction Sites:

NotI-NotI

ACCN:

NM_014739

Insert Size:

5550 bp

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: [NM_014739.1](#), [NP_055554.1](#)

RefSeq Size: 5538 bp

RefSeq ORF: 2763 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]

Transcript Variant: This variant (1), also known as btfL, represents the longest transcript and encodes the longest isoform (1).