

Product datasheet for SC302918

BTF3 (NM_001037637) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTF3 (NM_001037637) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTF3
Synonyms:	BETA-NAC; BTF3a; BTF3b; NACB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302918 representing NM_001037637. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGACGGACAGGCGCACCCGCTCAGGCTGACTCTCGGGGCGGAGGTCGAGCCAGGGCGGCTGCCCT
GGGGGCGAGGCGACGCTGTCTCAACCTCCACCTCGCGCGGAACCCGAGGACAGGAGCCTCAGATGAAA
GAAACAATCATGAACCAGGAAAACTCGCCAACTGCAGGCACAAGTGCATTTGGTGGGAAAGGAACT
GCTCGCAGAAAGAAGAAGGTGGTTCATAGAACAGCCACAGCAGATGACAAAAAATTCAGTTCTCCTTA
AAGAAGTTAGGGTAAACAATATCTCTGGTATTGAAGAGGTGAATATGTTTACAAACCAAGGAACAGTG
ATCCACTTTAACAACCCTAAAGTTCAGGCATCTCTGGCAGCGAACACTTTCACCATTACAGGCCATGCT
GAGACAAAGCAGCTGACAGAAATGCTACCCAGCATCTTAAACCAGCTTGGTGCGGATAGTCTGACTAGT
TTAAGGAGACTGGCCGAAGCTCTGCCAAACAATCTGTGGATGGAAAAGCACCATTGCTACTGGAGAG
GATGATGATGATGAAGTTCAGATCTTGTGGAGAAATTTGATGAGGCTTCCAAGAATGAGGCAAACTGA

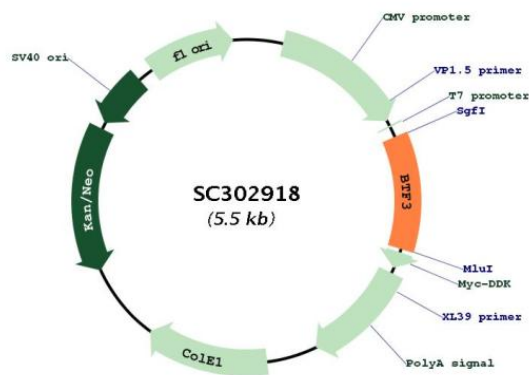
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001037637

Insert Size: 621 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).

OTI Annotation: 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.

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_001037637.1](#)

RefSeq Size: 1262 bp

RefSeq ORF: 621 bp

Locus ID: 689

UniProt ID: [P20290](#)

Cytogenetics: 5q13.2

Protein Families: Transcription Factors

MW: 22.2 kDa

Gene Summary: This gene encodes the basic transcription factor 3. This protein forms a stable complex with RNA polymerase IIB and is required for transcriptional initiation. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene has multiple pseudogenes. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (A).