

Product datasheet for **SC106475**

BTF3 (X53280) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTF3 (X53280) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTF3
Synonyms:	BETA-NAC; BTF3a; BTF3b; NACB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC106475 sequence for X53280 edited (data generated by NextGen Sequencing)

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ATGCGACGGACAGGCGCACCCGCTCAGGCTGACTCTCGGGGCGAGGTCGAGCCAGGGGC
GGCTGCCCTGGGGCGAGGCGACGCTGTCTCAACCTCCACCTCGCGGCGGAACCCGAGGA
CAGGAGCCTCAGATGAAAGAAAACAATCATGAACCAGGAAAAACTCGCAAACCTGCAGGCA
CAAGTGCGCATTGGTGGGAAAGGAACTGCTCGCAGAAAGAAGAAGGTGGTTCATAGAACA
GCCACAGCAGATGACAAAAAATTTCAGTTCTCCTTAAAGAAGTTAGGGGTAAACAATATC
TCTGGTATTGAAGAGGTGAATATGTTTACAAACCAAGGAACAGTGATCCACTTTAACAAC
CCTAAAGTTCAGGCATCTCTGGCAGCGAACACTTTCACCATTACAGGCCATGCTGAGACG
AAGCAGCTGACAGAAATGCTACCCAGCATCTTAAACCAGCTTGGTGCGGATAGTCTGACT
AGTTTAAGGAGACTGGCCGAAGCTCTGCCAAACAATCTGTGGATGGAAAAGCACCCTT
GCTACTGGAGAGGATGATGATGATGAAGTTCAGATCTTGTGGAGATTTTGATGAGGCT
TCCAAGAATGAGGCAAACCTGA
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Clone variation with respect to X53280.1



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for X53280 unedited</p> <pre> CCCCCAGTTAGATTTGTATACGACTTCTATAGGCGGCCGCGCCTATCTCGGTGGTCCACC CGATACCCCTTNGACACCAACCCTAGTCCCCCGCGCGGCCCTTATTTCGCTCCGACAAGG TACAAAAAGGCTCTGGACGGCGCGTGGTAGGAGGACGGGAGCGGGGGCGGGAAGTTCCC TGAAGGAGCGAGACAGGGAGGGACAGGGCAGAGGAGGAGGAAGGCGATGCGACGGACA GGCGCACCCGCTCAGGCTGACTCTGGGGGCGAGGTCGAGCCAGGGGCGGCTGCCCTGGG GGCGAGGCGACGCTGTCTCAACCTCCACCTCGCGCGGAACCCGAGGACAGGAGCCTCAG ATGAAAGAAACAATCATGAACCAGGAAAACTCGCCAAACTGCAGGCACAAGTGCGCATT GGTGGAAAGGAAGTCTCGCAGAAAGAAGAGTGGTTCATAGAACAGCCACAGCAGAT GACAAAAAAGTTCAGTTCTCTTAAAGAAGTTAGGGGTAACAATATCTCTGGTATTGAA GAGGTGAATATGTTTACAAACCAAGGAACAGTATCCACTTTAACAACCCATAAGTTCAG GCATCTCTGGCAGCAACTTTACCATTACAGGCCATGCTGAGACGAAGCAGCTGACA GAAATGCTACCCAGCATTTAAACCAGCTTGGTGGGATAGTCTGACTAGTTAAGGAGA CTGGCCGAAGCTCTGCCAAACAATCTGTGGATGAAAAGCACCCTTGTACTGGAGAG GATGATGATGNATGAAGTNCACAGATCTGTGGAGAATTNTGATGAGGCTTNNCAGATGAN GCANACTGNATTTGAGTCACTTCTGAAGATAAACTTGNAGAANTACTGGGAGCTGCTATN TATATC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for X53280 unedited</p> <pre> GGCTCATTATGNACCGCGCCGATTCTANGATCGGTTTTTTTTTTTTTTTTTTACTAGGC AAAGAAGTTTATAATCTTTGTTTCAAAGTGGATCCAGGCTTCTTCGGCTTAATTAGC TGCAAAGAATGAATTGTGTATAAGCAAAAAGTAAAAGAGCTGCAGTGTCCAAGGGGCTT GGGCTTAAAAATATTAGAGATCTAGATTTTATCAGATCCATAAAACAAAAATTTCTAAAA AGCAGTCATAATATAAAATAGCAGCTCCAGTAAGTCTTCAGGTTTTATCTTCAGAAGT TGACTCAATTCAGTTTGCCTCATTCTTGAAGCCTCATCAAAATCTCCACAAGATCTGG AACTTCATCATCATCCTCTCCAGTAGCAAGTGGTGGCTTTTCCATCCACAGATTGTTT GGGAGAGCTTCGGCCAGTCTCCTTAAACTAGTCAGACTATCCGCACCAAGCTGGTTTAA GATGCTGGGTAGCATTCTGTGACGCTGCTCGTCTCAGCATGGCCTGTAATGGTGAAGT GTTGCTGCCAGAGATGCCTGAAGTAAAGGTTGTTAAAGTGGATCACTGTTCTTGGTT TGTAACATATTCACCTCTTCAATACCAGAGATATTGTTTACCCTAAGTCTTTTAAAGGA GAAGTGAAGTTTTTTGTGATCTGCTGTGGCTGTTCTATGAACANCTTCTTCTTCTGCG AGCAGTTCTTTCCACCAATGCGCACTTGTGCCTGCAGTTTGGCGAGTTTTTCTGTTCA TGATTGGTTCTTTCATCTGAAGCTCCTGTCTCGGTTCCGCGCGAGGTTGGGAGTTGA GACANCGTCGCTCGCCCCAGGGCAACCAGCCCTGGCTTCGACCTGGCCCCGAAAGCAG CCTGAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	X53280
Insert Size:	1250 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: [X53280.1](#), [CAA37375.1](#)

RefSeq Size: 979 bp

RefSeq ORF: 621 bp

Locus ID: 689

Cytogenetics: 5q13.2

Domains: NAC

Protein Families: Transcription Factors

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]