

BTF3 cDNA

Catalog Number: ATGD0330

PRODUCT INFORMATION

Catalog number

ATGD0330

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001032726.1

Alternative Names

BETA-NAC, BTF3a, BTF3b, NACB

mRNA Refseq

NM_001037637.1

OMIM

602542

Chromosome location

5q13.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

621bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

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BTF3 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.

DATA

Sequence nucleotides

```
ATGCGACGGACAGGCGCACCCGCTCAGGCTGACTCTCGGGGGCGAGGTCGAGCCAGGGGCGGCTGCCCTGGGGGCGAG
GCGACGCTGTCTCAACCTCCACCTCGCGGCGGAACCCGAGGACAGGAGCCTCAGATGAAAGAAACAATCATGAACCAGGA
AAAACGCGCCAAACTGCAGGCACAAGTGCGCATTGGTGGGAAAGGAACTGCTCGCAGAAAGAAGAAGGTGGTTCATAGAA
CAGCCACAGCAGATGACAAAAAAGTTCAGTTCTCCTTAAAGAAGTTAGGGGTAAACAATATCTCTGGTATTGAAGAGGTGAA
TATGTTTACAAACCAAGGAACAGTGATCCACTTTAACAACCCTAAAGTTCAGGCATCTCTGGCAGCGAACACTTTCACCATTA
CAGGCCATGCTGAGACAAAGCAGCTGACAGAAATGCTACCCAGCATCTTAAACCAGCTTGGTGGGATAGTCTGACTAGTT
TAAGGAGACTGGCCGAAGCTCTGCCCAAACAATCTGTGGATGGAAAAGCACCCTTGCTACTGGAGAGGATGATGATGATG
AAGTCCAGATCTTGTGGAGAATTTTATGATGAGGCTTCCAAGAATGAGGCAAAGTGA
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Transaction Sequence

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MRRTGAPAQA DSRGRGRARG GCPGGEATLS QPPPRGGTRG QEPQMKETIM NQEKLAKLQA QVRIGGKGTA
RRKKKVVHRT ATADDKKLQF SLKKLGVNNI SGIEEVNMFT NQGTVIHFNN PKVQASLAAN TFTITGHAET KQLTEMLPSI
LNQLGADSLT SLRRLAEALP KQSVDGKAPL ATGEDDDDEV PDLVENFDEA SKNEAN
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