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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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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
AAAACTCGCCAAACTGCAGGCACAAGTGCGCATTGGTGGGAAAGGAACTGCTCGCAGAAAGAAGAAGGTGGTTCATAGAA
CAGCCACAGCAGATGACAAAAAACTTCAGTTCTCCTTAAAGAAGTTAGGGGTAAACAATATCTCTGGTATTGAAGAGGTGAA
TATGTTTACAAACCAAGGAACAGTGATCCACTTTAACAACCCTAAAGTTCAGGCATCTCTGGCAGCGAACACTTTCACCATTA
CAGGCCATGCTGAGACAAAGCAGCTGACAGAAATGCTACCCAGCATCTTAAACCAGCTTGGTGCGGATAGTCTGACTAGTT
TAAGGAGACTGGCCGAAGCTCTGCCCAAACAATCTGTGGATGGAAAAGCACCACTTGCTACTGGAGAGGATGATGATGATG
AAGTTCCAGATCTTGTGGAGAATTTTGATGAGGCTTCCAAGAATGAGGCAAACTGA

Transaction Sequence

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