

Recombinant human BTF3 protein

Catalog Number: ATGP1870

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-206aa

UniProt No.

P20290

NCBI Accession No.

NP_001032726

Alternative Names

Transcription factor BTF3, BETA-NAC, BTF3a, BTF3b, NACB

PRODUCT SPECIFICATION

Molecular Weight

24.6 kDa (229aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Basic transcription factor 3, also known as BTF3, forms a stable complex with RNA polymerase II. This protein is required for the initiation of transcription. Recombinant human BTF3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MRRTGAP AQADSRGRGR ARGGCPGGEA TLSQPPPRGG TRGQEPQMKE
TIMNQEKLAK LQAQVRIGGK GTARRKKKV V HRTATADDDK LQFSLKKLG V NNISGIEEVN MFTNQGTVIH FNNPKVQASL

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AANTFTITGH AETKQLTEML PSILNQLGAD SLTSLRRLAE ALPKQSVDGK APLATGEDDD DEVPDLVENF DEASKNEAN

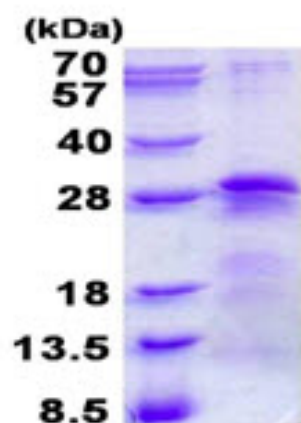
General References

Burkard T.R., et al. (2011) BMC Syst. Biol. 5:17-17

Matsuoka S., et al. (2007) Science. 316:1160-1166

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)