
Product Data Sheet

Product Name: BTF3 Human
 Cat. No.: GP22903
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Transcription factor BTF3; RNA polymerase B transcription factor 3; BTF3; NACB; BTF3a; BTF3b; BETA-NAC.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMRRTGAP AQADSRGRGR ARGGCPGGEA TLSQPPPRGG TRGQEPQMKE TIMNQEKLAK LQAQVRIGGK GTARRKKKVV HRTATADDDK LQFSLKCLGV NNISGIEEVN MFTNQGTVIH FNNPKVQASL AANTFTITGH AETKQLTEML PSILNQLGAD SLTSLRRLAE ALPKQSVDGK APLATGEDDD DEVPDLVENF DEASKNEAN.		
Formulation	BTF3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.		

Introduction

Basic transcription factor 3 (BTF3), which is a member of the NAC-beta family, forms a stable complex with RNA polymerase II. The BTF3 protein is vital for the initiation of transcription.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

BTF3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 229 amino acids (1-206 a.a) and having a molecular mass of 24.6kDa. BTF3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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