
Product Data Sheet

Product Name: BTF3L4 Human
 Cat. No.: GP22904
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Basic transcription factor 3-like 4; BTF3L4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMNQEKLA KLQAQVRIGG KGTARRKKKV VHRTATADDK KLQSSLKCLA VNNIAGIEES WTVKHQNQKT LMRKMMMFQI L.		
Formulation	BTF3L4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

Introduction

BTF3L4 is a part of the NAC-beta family which contains 1 NAC-A/B (NAC-alpha/beta) domain and required for the initiation of transcription. BTF3L4 binds to polypeptide chains as they emerge from the ribosome and prevents their interaction with the SRP, which usually targets nascent secretory peptides to the ER. BTF3 is also a general transcription factor which forms a stable complex with RNA polymerase II.

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

BTF3L4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 101 amino acids (1-78 a.a) and having a molecular mass of 11.3kDa. BTF3L4 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA