
Product Data Sheet

Product Name: GTF3C6 Human

Cat. No.: GP23565

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	bA397G5.3; C6orf51; TFIIC35; General transcriptionfactor 3C polypeptide 6; Transcription factor IIIC 35 kDa subunit; TFIIC 35kDa subunit; TFIIC35; Transcription factor IIIC subunit 6; CDA020; NPD020.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAAAADE RSPEDGEDEE EEEQLVLVEL SGIIDSDFLS KCENKCKVLG IDTERPILQVDSCVFAGEYE DTLGTCVIFE ENVEHADTEG NNKTVLKYKC HTMKKLSMTR TLLTEKKEGE ENIGGVEWLQIKDNDFSYRP NMICNFLHEN EDEEVVASAP DKSLELEEEE IQMNDSSNLS CEQEKPMHLE IEDSGPLIDIPSETEGSVFM ETQMLP.		
Formulation	GTF3C6 protein solution (0.5mg/ml) containing PBS buffer(pH 7.4), 10% glycerol and 1mM DTT.		

Introduction

In the absence of additional proteins - the general transcription factors (GTFs) RNA polymerases are unable to initiate RNA synthesis. GTFs accumulate in a complex on the DNA promoter and recruit the RNA polymerase. GTF3C family proteins are vital for RNA polymerase III to produce several small nuclear and cytoplasmic RNAs, including 5S RNA, tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin.

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

GTF3C6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (1-213 a.a) and having a molecular mass

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

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of 26.4kDa.GTF3C6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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