

Recombinant human GTF3C6 protein

Catalog Number: ATGP2885

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-213aa

UniProt No.

Q969F1

NCBI Accession No.

NP_612417

Alternative Names

General transcription factor 3C polypeptide 6, General transcription factor 3C polypeptide 6, bA397G5.3, C6orf51, TFIIC35

PRODUCT SPECIFICATION

Molecular Weight

26.4 kDa (236aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol, 1mM 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

RNA polymerases are unable to initiate RNA synthesis in the absence of additional proteins called general transcription factors (GTFs). GTFs assemble in a complex on the DNA promoter and recruit the RNA polymerase. GTF3C family proteins (e. g., GTF3C1, MIM 603246) are essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA (MIM 180420), tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin. Recombinant human GTF3C6 protein, fused to His-tag at N-terminus, was

Recombinant human GTF3C6 protein

Catalog Number: ATGP2885

expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

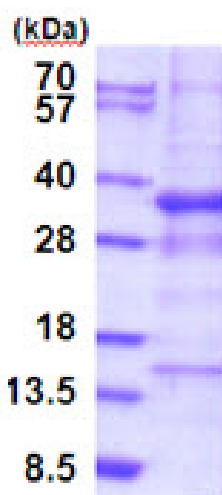
MGSSHHHHHH SSGLVPRGSH MGSMAAAADE RSPEDGEDEE EEEQLVLVEL SGIIDSDFLS KCENKCKVLG IDTERPILQV
DSCVFAGEYE DTLGTCVIFE ENVEHADTEG NNKTVLKYKC HTMKKLSMTR TLLTEKKEGE ENIGGVEWLQ IKDNDFSYRP
NMICNFLHEN EDEEVVASAP DKSLELEEEE IQMNDSSNLS CEQEKPMHLE IEDSGPLIDI PSETEGSVFM ETQMLP

General References

Dumay-Odelot,H., et al. (2007) J. Biol. Chem. 282 (23), 17179-17189

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)