

# 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

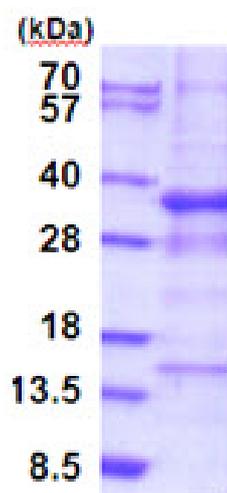
MGSSHHHHHH SSSLVPRGSH MGSMAAAADE RSPEDGEDEE EEEQLVLVEL SGIIDSDFLS KCENKCKVLG IDTERPILQV  
DSCVFAGEYE DTLGTCVIFE ENVEHADTEG NNKTVLKYKC HTMKKLSMTR TLLTEKKEGE ENIGGVEWLQ IKDNDFSYRP  
NMICNFLHEN EDEEVVASAP DKSLELEEEEE IQMNDSSNLS CEQEKPMHLE IEDSGPLIDI PSETEGSVFM ETQMLP

## 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)