

# Recombinant human TAF10 protein

Catalog Number: ATGP2346

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

84-218aa

### UniProt No.

Q12962

### NCBI Accession No.

NP\_006275

### Alternative Names

transcription initiation factor TFIID subunit 10, TAF2A; TAF2H, TAFII30

## PRODUCT SPECIFICATION

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### Molecular Weight

16.9 kDa (158aa)

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% 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

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### Description

TAF10 is one of the small subunits of TFIID that is associated with a subset of TFIID complexes. Studies with human and mammalian cells have shown that this subunit is required for transcriptional activation by the estrogen receptor, for progression through the cell cycle, and may also be required for certain cellular differentiation programs. Recombinant human TAF10 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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### Amino acid Sequence

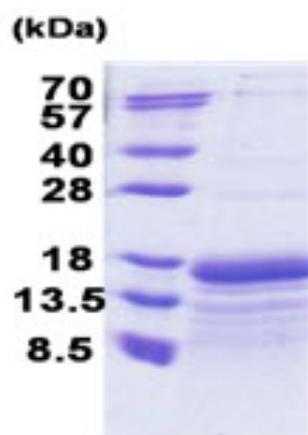
MGSSHHHHHH SSSLVPRGSH MGSGAAPPEG AISNGVYVLP SAANGDVKPV VSSTPLVDFL MQLEDYTPTI PDAVTGYLNL  
RAGFEASDPR IIRLISLAAQ KFISDIANDA LQHCKMKGTA SGSSRSKSKD RKYTLTMEDL TPALSEYGIN VKKPHYFT

### General References

Brand M., et al (1999). J. Biol. Chem. 274:18285-18289  
Gangloff Y.G., et al (2001). Mol. Cell. Biol. 21:5109-5121

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)