

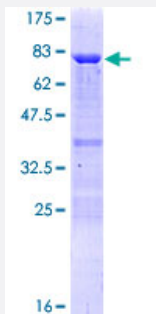
Full-Length

## TAF7 (Human) Recombinant Protein (P01)

Catalog # H00006879-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human TAF7 full-length ORF ( NP\_005633.2, 1 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MSKSKDDAPHELESQFILRLPPEYASTVRRVAVQSGHVNLDRLTIELHPDGRHGMVRVDRVPLAS  
KLVDLPCVMESLKTIDKKTFTYKTADICQMLVSTVDGDLPPVEEPVASTDPKASKKKDKDKEKKFI  
WNHGITLPLKNVRKRRFRKTAKKKYIESPDVEKEVKRLLSTDAEAVSTRWEIIAEDETKEAENQGL  
DISSPGMSGHRQGHDSLEHDELREIFNDLSSSSSEDEDETQHQDEEDINIIDEEDLERQLQDKLNE  
SDEQHQENEGTNQLVMGIQKQIDNMKGKLQETQDRAKRQEDLIMKVENLALKNRFQAVLDELKQ  
KEDREKEQLSSLQEELESLEK

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

66.7

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

#### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — TAF7

Entrez GeneID [6879](#)

GeneBank Accession# [NM\\_005642.2](#)

Protein Accession# [NP\\_005633.2](#)

Gene Name TAF7

Gene Alias TAF2F, TAFII55

Gene Description TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa

Omim ID [600573](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The intronless gene for this transcription coactivator is located between the protocadherin beta and gamma gene clusters on chromosome 5. The protein encoded by this gene is a component of the TFIID protein complex, a complex which binds to the TATA box in class II promoters and recruits RNA polymerase II and other factors. This particular subunit interacts with the largest TFIID subunit, as well as multiple transcription activators. The protein is required for transcription by promoters targeted by RNA polymerase II. [provided by RefSeq]

**Other Designations** OTTHUMP00000160028|TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55 kD|TATA box binding protein (TBP)-associated factor, RNA polymerase II, F, 55kD|TATA box-binding protein-associated factor 2F|TBP-associated factor F|transcription factor TAF7

## Pathway

- [Basal transcription factors](#)