

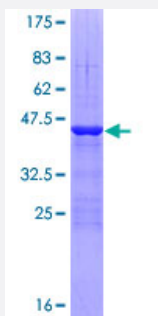
Full-Length

TAF13 (Human) Recombinant Protein (P01)

Catalog # H00006884-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TAF13 full-length ORF (NP_005636.1, 1 a.a. - 124 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MADEEDPTFEEENEEIGGGAEGGQGKRKRLFSKELRCMMYGFGDDQNPYTESVDILEDLVIEFI TEMTHKAMSIGRQGRVQVEDIVFLIRKDPKRFARVKDLLTMNEELKRARKAFDEANYGS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.7
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 — TAF13

Entrez GeneID [6884](#)

GeneBank Accession# [NM_005645.3](#)

Protein Accession# [NP_005636.1](#)

Gene Name TAF13

Gene Alias MGC22425, TAF2K, TAFII18

Gene Description TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 18kDa

Omim ID [600774](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptide s. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes a small subunit associated with a subset of TFIID complexes. This subunit interacts with TBP and with two other small subunits of TFIID, TAF10 and TAF11. There is a pseudogene located on chromosome 6. [provided by RefSeq

Other Designations OTTHUMP00000039344[TATA box binding protein (TBP)-associated factor, RNA polymerase II, K, 18kD]TBP-associated factor 13[transcription initiation factor TFIID 18 kD subunit

Pathway

- [Basal transcription factors](#)