

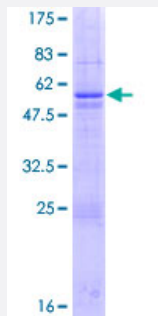
Full-Length

TAF11 (Human) Recombinant Protein (P01)

Catalog # H00006882-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TAF11 full-length ORF (NP_005634.1, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDDAHESPSDKGGETGESDETAAVPGDPGATD TDGIPEETDGDADVDLKEAAAEEGELESQD
VSDLTTVEREDSSLLNPAACKLKIDTKEKKEKKQKVDEDEIQKMQLVSSFSEEQLNRYEMYRRSA
FPKAAIKRLIQSITGTSVSQNVVIAMSGISKV FVGEVVEEALDVCEKWGEM PPLQPKHMR EAVRRL
KSKGQIPNSKHKKIIF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

49.7

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 — TAF11

Entrez GeneID [6882](#)

GeneBank Accession# [NM_005643.2](#)

Protein Accession# [NP_005634.1](#)

Gene Name TAF11

Gene Alias MGC:15243, PRO2134, TAF2I, TAFII28

Gene Description TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa

Omim ID [600772](#)

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 of TFIID that is present in all TFIID complexes and interacts with TBP. This subunit also interacts with another small subunit, TAF13, to form a heterodimer with a structure similar to the histone core structure. [provided by RefSeq]

Other Designations

OTTHUMP00000016241|TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28 kD|TATA box binding protein (TBP)-associated factor, RNA polymerase II, I, 28kD|TBP-associated factor 11|TFIID subunit p30-beta|transcription initiation facto

Pathway

- [Basal transcription factors](#)

Disease

- [Kidney Failure](#)