

## Product datasheet for TP303466

### TAF11 (NM\_005643) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa (TAF11), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203466 protein sequence  
 Red=Cloning site Green=Tags(s)

MDDAHESPSDKGGETGESDETA AVPGDPGATDTDG IPEETDGDADVDLKEAAAEEGELESQDVSDLTTVE  
 REDSSLLNPAAKKLKIDTKEKKEKKQK VDEDEIQKMQLVSSFS EQLNRYEMYRRSAFPKAAIKRLIQS  
 ITGTSVSNVVIAMSGISKV FVGEVVEEALDVCEKWGEM PPLQPKHMREAVRRLKSKGQIPNSKHKKIIF  
 F

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 23.1 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_005634](#)

**Locus ID:** 6882



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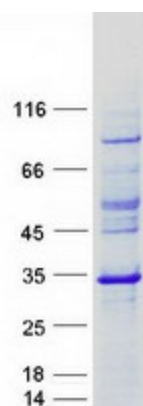
UniProt ID: [Q15544](#)  
RefSeq Size: 1587  
Cytogenetics: 6p21.31  
RefSeq ORF: 633  
Synonyms: MGC:15243; PRO2134; TAF2I; TAFII28

**Summary:** Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012]

**Protein Families:** Transcription Factors

**Protein Pathways:** Basal transcription factors

### Product images:



Coomassie blue staining of purified TAF11 protein (Cat# TP303466). The protein was produced from HEK293T cells transfected with TAF11 cDNA clone (Cat# [RC203466]) using MegaTran 2.0 (Cat# [TT210002]).