

Recombinant Human TAF11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TAF11-2383H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

TAF11 MS Standard C13 and N15-labeled recombinant protein (NP_005634) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

23.3 kDa

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AA Sequence	MDDAHESPSDKGGETGESDETAAVPGDPGATDTDGIPEETDGDADVDLKEAAEE GELESQDVSDLTTVEREDSSLLNPAAKKLKIDTKEKKEKKQKQVDEDEIQKMQLVSSF SEEQLNRYEMYRRSAFPKAAIKRLIQSITGTSVSNVVIAMSGISKVVFVGEVVEEALD VCEKWGEMPPPLQPKHMREAVRRLKSKGQIPNSKHKKIIFFTTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	TAF11 TATA-box binding protein associated factor 11 [Homo sapiens (human)]
Official Symbol	TAF11
Synonyms	TAF11; TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa; TAF2I, TATA box binding protein (TBP) associated factor, RNA polymerase II, I, 28kD; transcription initiation factor TFIID subunit 11; TAFII28; TAFII-28; TAF(II)28; TFIID subunit p30-beta; transcription initiation factor TFIID 28 kD subunit; transcription initiation factor TFIID 28 kDa subunit; TATA box binding protein (TBP)-associated factor, RNA polymerase II, I, 28kD; TAF2I; PRO2134; MGC:15243;
Gene ID	6882

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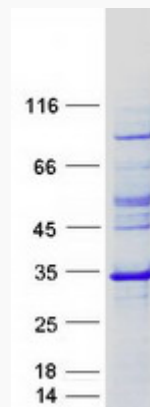
mRNA Refseq [NM_005643](#)

Protein Refseq [NP_005634](#)

MIM [600772](#)

UniProt ID [Q15544](#)

SDS-PAGE



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