

## Product datasheet for PH303466

### TAF11 (NM\_005643) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TAF11 MS Standard C13 and N15-labeled recombinant protein (NP_005634)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203466
Predicted MW:	23.3 kDa
Protein Sequence:	>RC203466 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MDDAHESPSDKGGETGESDETAAPVGPATDTDTGIPEETDGDADVDLKEAAEEGELESQDVSDLTTVE REDSSLLNPAAKKLKIDTKEKKEKKQKQVDEDEIQKMQILVSSFSEEQLNRYEMYRRSAFPKAAIKRLIQS ITGTSVSVQNVVIAMSGISKVVFVGEVVEEALDVCEKWGEMPPPLQPKHMREAVRRLKSKGQIPNSKHKKIIIF F  <b>TRTRP</b> LE <b>QKLISEEDLAANDILDYKDDDDK</b> V
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005634</a>
RefSeq Size:	1587
RefSeq ORF:	633
Synonyms:	MGC:15243; PRO2134; TAF2I; TAFII28
Locus ID:	6882
UniProt ID:	<a href="#">Q15544</a>



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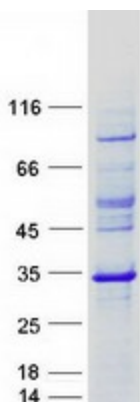
**Cytogenetics:** 6p21.31

**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]).