

### TAF11 Blocking Peptide (N-term)

Synthetic peptide Catalog # BP19984a

## **Specification**

TAF11 Blocking Peptide (N-term) - Product Information

Primary Accession O15544
Other Accession NP 005634.1

TAF11 Blocking Peptide (N-term) - Additional Information

**Gene ID** 6882

#### **Other Names**

Transcription initiation factor TFIID subunit 11, TFIID subunit p30-beta, Transcription initiation factor TFIID 28 kDa subunit, TAF(II)28, TAFII-28, TAFII28, TAF11, TAF2I

## **Target/Specificity**

The synthetic peptide sequence is selected from aa 8-21 of HUMAN TAF11

## **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TAF11 Blocking Peptide (N-term) - Protein Information

Name TAF11

Synonyms TAF2I

### **Function**

Core TAFII present in both of the previously

# TAF11 Blocking Peptide (N-term) - Background

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

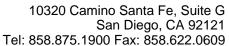
TFIID that is present in all TFIID complexes and interacts with

TBP. This subunit also interacts with another small subunit, TAF13,

to form a heterodimer with a structure similar to the histone core structure.

## TAF11 Blocking Peptide (N-term) - References

Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Guermah, M., et al. Mol. Cell 12(4):991-1001(2003) Mengus, G., et al. J. Biol. Chem. 275(14):10064-10071(2000) Birck, C., et al. Cell 94(2):239-249(1998)





described TFIID species which either lack or contain TAFII30 (TFIID alpha and TFIID beta respectively).

**Cellular Location** Nucleus.

## **TAF11 Blocking Peptide (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides