

Recombinant Human TAF12 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. TAF12-265H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TAF12 MS Standard C13 and N15-labeled recombinant protein (NP_005635) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Control of transcription by RNA polymerase II involves the basal transcription machinery which is a collection of proteins. These proteins with RNA polymerase II, assemble into complexes which are modulated by transactivator proteins that bind to cis-regulatory elements located adjacent to the transcription start site. Some modulators interact directly with the basal complex, whereas others may act as bridging proteins linking transactivators to the basal transcription factors. Some of these associated factors are weakly attached while others are tightly associated with TBP in the TFIID complex. Among the latter are the TAF proteins. Different TAFs are predicted to mediate the function of distinct transcriptional activators for a variety of gene promoters and RNA polymerases. TAF12 interacts directly with TBP as well as with TAF2I. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Sep 2008]
Molecular Mass	17.9 kDa
AA Sequence	MNQFGPSALINLSNFSSIKPEPASTPPQGSMANSTAVVKIPGTPGAGGRLSPENNQV

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LTKKKLQDLVREVPNEQLDEDVEEMLLQIADDFIESVVTAACQLARHRKSSTLEVK
DVQLHLERQWNMWIPGFGSEEIRPYKKACTTEAHKQRMALIRKTTKKTRTRPLEQK
LISEEDLAANDILDYKDDDDKV

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 TAF12 TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa [Homo sapiens (human)]

Official Symbol TAF12

Synonyms TAF12; TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa; TAF2J, TATA box binding protein (TBP) associated factor, RNA polymerase II, J, 20kD; transcription initiation factor TFIID subunit 12; TAFII20; TAFII20/TAFII15; TAFII-20/TAFII-15; transcription initiation factor TFIID 20/15 kDa subunits; TATA box binding protein (TBP)-associated factor, RNA polymerase II, J, 20kD; TAF2J;

Gene ID 6883

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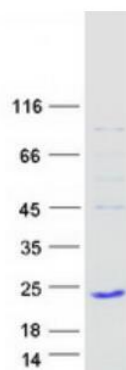
mRNA Refseq [NM_005644](#)

Protein Refseq [NP_005635](#)

MIM [600773](#)

UniProt ID [Q16514](#)

SDS-PAGE



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