

Recombinant Human TAF12 Protein, His-tagged

Cat. No. TAF12-101H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAF12, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	17.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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

mRNA Refseq NM_001135218

Protein Refseq NP_001128690

MIM 600773

UniProt ID Q16514

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