

Product datasheet for TP312721M

OriGene Technologies, Inc.

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TAF13 (NM_005645) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human TAF13 RNA polymerase II, TATA box binding protein (TBP)-

associated factor, 18kDa (TAF13), 100 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC212721 protein sequence

or AA Sequence: Red=Cloning site Green=Tags(s)

MADEEEDPTFEEENEEIGGGAEGGQGKRKRLFSKELRCMMYGFGDDQNPYTESVDILEDLVIEFITEMTH

KAMSIGRQGRVQVEDIVFLIRKDPRKFARVKDLLTMNEELKRARKAFDEANYGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 005636

Locus ID: 6884

UniProt ID: Q15543, A0A024R089

RefSeq Size: 577



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Cytogenetics: 1p13.3

RefSeq ORF: 372

Synonyms: MRT60; TAF(II)18; TAF2K; TAFII-18; TAFII18

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. TEIID is composed of the TATA-binding protein (TBP) and a group of

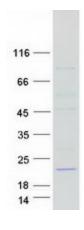
regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes a small subunit associated with a subset of TFIID complexes. This subunit interacts with TBP and with two other small subunits of TFIID, TAF10 and TAF11. There

is a pseudogene located on chromosome 6. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Protein Pathways: Basal transcription factors

Product images:



Coomassie blue staining of purified TAF13 protein (Cat# [TP312721]). The protein was produced from HEK293T cells transfected with TAF13 cDNA clone (Cat# [RC212721]) using MegaTran 2.0 (Cat# [TT210002]).