

Product datasheet for TP312721M

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 or AA Sequence:	>RC212721 protein sequence Red=Cloning site Green=Tags(s)
	MADEEEDPTFEEENEIIGGGAEGGQGKRKRLFSKELRCMMYGFDDQNPYTESVDILEDLVIEFITEMTH KAMSIGRQGRVQVEDIVLIRKDPKRFARVKDLLTMNEELKRARKAFDEANYGS
	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. 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]).