

Product datasheet for PH312721

TAF13 (NM_005645) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TAF13 MS Standard C13 and N15-labeled recombinant protein (NP_005636)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212721
Predicted MW:	14.3 kDa
Protein Sequence:	>RC212721 protein sequence Red=Cloning site Green=Tags(s) MADEEEDPTFEEENEIIGGGAEGGQGKRKRLFSKELRCMMYGFDDQNPYTESVDILEDLVIEFITEMTH KAMSIGRQGRVQVEDIVFLIRKDPKRFARVKDLLTMNEELKRARKAFDEANYGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005636
RefSeq Size:	577
RefSeq ORF:	372
Synonyms:	MRT60; TAF(II)18; TAF2K; TAFII-18; TAFII18
Locus ID:	6884
UniProt ID:	Q15543 , A0A024R089
Cytogenetics:	1p13.3



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Summary:

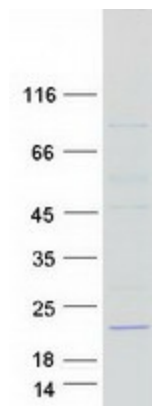
Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder 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]).