

Product datasheet for **TP761942**

TAF9B (NM_015975) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa (TAF9B),full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full length of TAF9B
Tag:	N-GST, C-His
Predicted MW:	55.4 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
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_057059
Locus ID:	51616
UniProt ID:	Q9HBM6
RefSeq Size:	2714
Cytogenetics:	Xq21.1
RefSeq ORF:	753
Synonyms:	DN-7; DN7; TAF9L; TAFII31L; TFIID-31



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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 protein that is similar to one of the small subunits of TFIID, TBP-associated factor 9, and is also a subunit of TFIID. TAF9 and TAF9b share some functions but also have distinct roles in the transcriptional regulatory process. [provided by RefSeq, Jul 2008]

Protein Families:

Transcription Factors

Protein Pathways:

Basal transcription factors

Product images: