Recombinant Human TAF9, His-tagged

Cat. No. TAF9-3417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TAF9 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	TAF9, also known as TATA box binding protein (TBP)-associated factor, is a general transcription factor that facilitates the preinitiation complex assembly through direct interactions with the TATA promoter element. It is a multisubunit complex consisting of a small TATA-binding polypeptide and other TBP-associated factors (TAFs). It acts as a channel for regulatory signals.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 1mM DTT.
Molecular Weight	22.2 kDa (192aa) confirmed by MALDI-TOF.
Purity	> 90% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MLLPNILLTG TPGVGKTTLG KELASKSGLK YINV GDLARE EQLYDGYDEE YDCPILDEDR VVDELDNQMREGGVIVDYHG CDF FP ERWFH IVFVLRTDTN VLYERLETRG YNEKKLTDNI QCEIFQVLYE EATASYKEEI VHQLPSNKPE ELENNVDQIL KWIEQWIKDH NS.

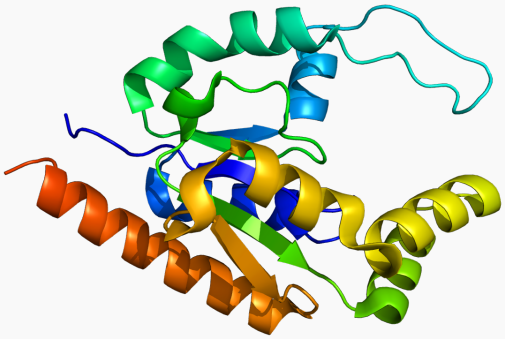
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Pathways	Basal transcription factors; HIV Infection; Gene Expression; Transcription

GENE INFORMATION

Gene Name	TAF9 TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa [Homo sapiens]
Synonyms	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa; AK6; CIP; CINAP; TAF2G; AD-004; hCINAP; CGI-137; MGC1603; MGC3647; MGC5067; TAFII31; TAFII32; MGC:1603; MGC:3647; MGC:5067; TAFIID32; TAF9; adenylate kinase isoenzyme 6; TAFII-31; TAFII-32; STAF31/32; OTTHUMP00000222137; OTTHUMP00000222138; OTTHUMP00000222139; OTTHUMP00000222140; OTTHUMP00000222141; OTTHUMP00000222142; OTTHUMP00000222143; OTTHUMP00000223056; adenylate kinase 6; coilin interacting protein; ATP-AMP transphosphorylase 6; adrenal gland protein AD-004; coilin-interacting nuclear ATPase protein; transcription initiation factor TFIID subunit 9; RNA polymerase II TBP-associated factor subunit G; transcription initiation factor TFIID 31 kD subunit; transcription initiation factor TFIID 31 kDa subunit; transcription initiation factor TFIID 32 kDa subunit; Transcription initiation factor TFIID 31 kDa subunit; Transcription initiation factor TFIID 32 kDa subunit
Gene ID	6880
mRNA Refseq	NM_001015891
Protein Refseq	NP_001015891
MIM	600822

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	Q16594
Chromosome Location	5q11.2-q13.1
Function	ATP binding; C2H2 zinc finger domain binding; DNA binding; activating transcription factor binding; adenylate kinase activity; contributes_to histone acetyltransferase activity; kinase activity; nucleotide binding; p53 binding; promoter binding; protein binding; transcription coactivator activity; transferase activity
PDBrendering based on 1rkb.	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA