



Recombinant Human Transcription initiation factor TFIID subunit 9 (TAF9)

Product Code	CSB-BP619078HU
Abbreviation	TAF9
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16594
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MESGKTASPK SMPKDAQMMA QILKDMGITE YEPRVINQML EFAFRYVTTI LDDAKIYSSH AKKATVDADD VRLAIQCRAD QSFTSPPPRD FLLDIARQRN QTPLPLIKPY SGPRLPPDRY CLTAPNYRLK SLQKKASTSA GRITVPRLSV GSVTSRPSTP TLGTPTPQTM SVSTKVGTPM SLTGQRFTVQ MPTSQSPAVK ASIPATSAVQ NVLINPSLIG SKNILITTM MSSQNTANES SNALKRKRED DDDDDDDDDD YDNL
Source	Baculovirus
Target Names	TAF9
Protein Names	Recommended name: Transcription initiation factor TFIID subunit 9 Alternative name(s): RNA polymerase II TBP-associated factor subunit G STAF31/32 Transcription initiation factor TFIID 31 kDa subunit Short name= TAFII-31 Short n
Expression Region	1-264
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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 one of the smaller



subunits of TFIID that binds to the basal transcription factor GTF2B as well as to several transcriptional activators such as p53 and VP16. A similar but distinct gene (TAF9L) has been found on the X chromosome and a pseudogene has been identified on chromosome 19. Alternative splicing results in multiple transcript variants encoding different isoforms.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.