

## Transcription initiation factor TFIID subunit 9 (TAF9) Recombinant Protein | TAF9 recombinant protein

Recombinant Human Transcription initiation factor TFIID subunit 9 (TAF9)

CATALOG #  
AAA117148

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Transcription initiation factor TFIID subunit 9 (TAF9); Recombinant Human Transcription initiation factor TFIID subunit 9 (TAF9); TAF9 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                           |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                  |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                           |
| Sequence Positions      | 1-264aa; Full-Length                                                                                                                                                                                                                                                                                       |
| Sequence                | MESGKTASPK SMPKDAQMMA QILKDMGITE YEPRVINQML EFAFRYVTTI LDDAKIYSSH AKKATVDADD<br>VRLAIQCRAD QSFTSPPPRD FLIDIARQRN QTPLPLIKPY SGPRLPPDRY CLTAPNYRLK SLQKKASTSA<br>GRITVPRLSV GSVTSRPSTP TLGTPTPQTM SVSTKVGTPM SLTGQRFTVQ MPTSQSPAVK ASIPATSAVQ<br>NVLINPSLIG SKNILITNM MSSQNTANES SNALKRKRED DDDDDDDDDD YDNL |
| Species                 | Human                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                        |

### ADDITIONAL INFORMATION

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| Related Product Information for TAF9 recombinant protein | 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. |
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### NCBI AND UNIPROT INFORMATION

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|---------------------------|--------------------------------|
| NCBI GI #                 | 62865614                       |
| NCBI GeneID               | 6880                           |
| NCBI Accession #          | NP_001015892.1                 |
| NCBI GenBank Nucleotide # | NM_001015892.1                 |
| UniProt Accession #       | Q16594; Q5U0D1; Q9BTS1; D3DWA3 |
| Molecular Weight          | 28,974 Da                      |

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| NCBI Official Full Name          | transcription initiation factor TFIID subunit 9                            |
| NCBI Official Synonym Full Names | TATA-box binding protein associated factor 9                               |
| NCBI Official Symbol             | TAF9                                                                       |
| NCBI Official Synonym Symbols    | TAF2G; TAFII31; TAFII32; MGC:5067; TAFII-31; TAFII-32; TAFIID32; STAF31/32 |
| NCBI Protein Information         | transcription initiation factor TFIID subunit 9                            |
| UniProt Protein Name             | Transcription initiation factor TFIID subunit 9                            |
| UniProt Gene Name                | <b>TAF9</b>                                                                |
| UniProt Synonym Gene Names       | TAF2G; TAFII31; TAFII-31; TAFII31; TAFII-32; TAFII32                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/taf9-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117148>