

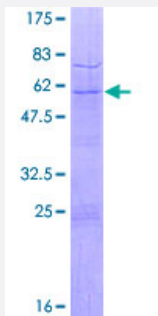
Full-Length

TAF9 (Human) Recombinant Protein (P01)

Catalog # H00006880-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TAF9 full-length ORF (AAH03400.1, 1 a.a. - 264 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MESGKTASPKSMPKDAQMMAQILKDMGITEYEPRVINQMLEFAFRYVTTILDDAKIYSSHAKKATV
DADDVRLAIQCRADQSFTSPPPRDFLLDIARQRNQTPPLIKPYSGPRLPPDRYCLTAPNYRLKSL
QKKASTSAGRITVPRLSVGVS TSRPSTPTLGTPQTMSVSTKVGTPMSLTGQRFTVQMPTSQSP
AVKASIPATSAVQNVLINPSLIGSKNIFITNMMSSQNTANESSNALKRKREDDDDDDDDDDDDYDN
L

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TAF9

Entrez GeneID	6880
GeneBank Accession#	BC003400.1
Protein Accession#	AAH03400.1
Gene Name	TAF9
Gene Alias	AD-004, AK6, CGI-137, CINAP, CIP, MGC1603, MGC3647, MGC5067, MGC:1603, MGC:3647, MGC:5067, TAF2G, TAFII31, TAFII32, TAFIID32
Gene Description	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa
Omim ID	600822
Gene Ontology	Hyperlink

Gene Summary

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptide s. 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. [provided by RefSeq]

Other Designations

OTTHUMP00000125186|OTTHUMP00000125196|TAF9 RNA polymerase II, TATA box binding protein-associated factor|TATA box binding protein (TBP)-associated factor, RNA polymerase II, G, 32kD|adenylate kinase 6|adrenal gland protein AD-004|coilin interacting protei

Pathway

- [Basal transcription factors](#)

Disease

- [Kidney Failure](#)