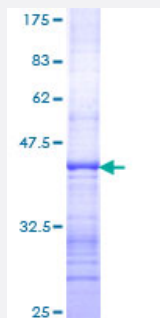


TAF5 (Human) Recombinant Protein (Q01)

Catalog # H00006877-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TAF5 partial ORF (NP_008882, 428 a.a. - 535 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PLPELKDSDKLDKIMNMKETTKRVRLGPDCLPSICFYTLNAYQGLTAVDVTDDSSLIAGGFADSTVRVWSVTPKKLRSVKQASDLSLIDKESDDVLERIMDEKTASE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — TAF5

Entrez GeneID [6877](#)

GeneBank Accession# [NM_006951](#)

Protein Accession# [NP_008882](#)

Gene Name TAF5

Gene Alias TAF2D, TAFII100

Gene Description TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa

Omim ID [601787](#)

Gene Ontology [Hyperlink](#)

Gene 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 an integral subunit of TFIID associated with all transcriptionally competent forms of that complex. This subunit interacts strongly with two TFIID subunits that show similarity to histones H3 and H4, and it may participate in forming a nucleosome-like core in the TFIID complex. [provided by RefSeq]

Other Designations

OTTHUMP00000020402|TATA box binding protein (TBP)-associated factor 2D|TATA box binding protein (TBP)-associated factor, RNA polymerase II, D, 100kD|TBP-associated factor 5|transcription initiation factor TFIID 100 kD subunit

Pathway

- [Basal transcription factors](#)