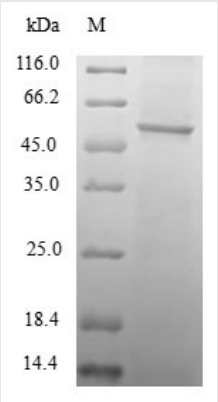
Transcription Initiation Factor TFIID Subunit 11 (TAF11) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription initiation factor TFIID subunit 11 (TAF11), Recombinant Protein
Full Product Name	Recombinant Human Transcription initiation factor TFIID subunit 11 (TAF11)
Product Gene Name	TAF11 recombinant protein
Product Synonym Gene Name	TAF11; TAF2I; PRO2134
Product Synonym Names	Transcription initiation factor TFIID subunit 11; TFIID subunit p30-beta; Transcription initiation factor TFIID 28 kDa subunit; TAF(II)28; TAFII-28; TAFII28
Sequence	MDDAHESPSD KGGETGESDE TAAVPGDPGA TDTDGIPEET DGDADVDLKE AAAEEGELES QDVSDLTTVE REDSSLLNPA AKKLKIDTKE KKEKKQKVDE DEIQKMQILV SSFSEEQLNR YEMYRRSAFP KAAIKRLIQS ITGTSVSQNV VIAMSGISKV FVGEVVEEAL DVCEKWGEMP PLQPKHMREA VRRLKSKGQI PNSKHKKIIF F
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	50.3 kDa
Sequence Positions	1-211aa; Full Length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	600772
3D Structure	ModBase 3D Structure for Q15544
Species	Homo sapiens (Human)
Product Categories/Family for TAF11 recombinant protein	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TAF11 recombinant protein	Core TAFII present in both of the previously described TFIID species which either lack or contain TAFII30 (TFIID alpha and TFIID beta respectively).
Other Notes	Small volumes of TAF11 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TAF11 purchase	MBS1440636 is a recombinant protein targeting TAF11. Also known as Recombinant Human Transcription initiation factor TFIID subunit 11 (TAF11). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.



SDS-PAGE of TAF11 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAF11. It may not necessarily be applicable to this product.

NCBI GI #	394953994
NCBI GeneID	6882
NCBI Accession #	NP_001257417.1
UniProt Primary Accession #	Q15544
UniProt Secondary Accession #	Q9UHS0; B2R8R3; B4DY18
UniProt Related Accession #	Q15544
GenBank Nucleotide #	NM_001270488.1
NCBI Official Full Name	transcription initiation factor TFIID subunit 11 isoform 2
NCBI Official Synonym Full Names	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa
NCBI Official Symbol	TAF11
NCBI Official Synonym Symbols	TAF2I; PRO2134; TAFII28; MGC:15243
UniProt Protein Name	Transcription initiation factor TFIID subunit 11
UniProt Synonym Protein Names	TFIID subunit p30-beta; Transcription initiation factor TFIID 28 kDa subunit; TAF(II)28; TAFII-28; TAFII28
Protein Family	Transcription initiation factor
UniProt Gene Name	TAF11
UniProt Synonym Gene Names	TAF2I; TAF(II)28; TAFII-28; TAFII28
UniProt Entry Name	TAF11_HUMAN
NCBI Protein Information	transcription initiation factor TFIID subunit 11; TAFII-28; TAF(II)28; TFIID subunit p30-beta; transcription initiation factor TFIID 28 kD subunit; transcription initiation factor TFIID 28 kDa subunit; TATA box binding protein (TBP)-associated factor, RNA polymerase II, I, 28kD
NCBI Summary for TAF11	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 a small subunit of TFIID that is present in all TFIID complexes and interacts with TBP. This subunit also interacts with another small subunit, TAF13, to form a heterodimer with a structure similar to the histone core structure. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012]

UniProt Comments for TAF11	TAF11: a TBP-associated factor (TAF). A component of TFIID complexes composed of the TATA binding protein (TBP), TAF13 and TAF11. TAF10 and TAF13 contain non-canonical histone folds, forming a histone-like pair in TFIID complexes. Protein type: DNA-binding; Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 6p21.31 Cellular Component: nucleoplasm; Golgi apparatus; transcription factor TFIID complex Molecular Function: protein binding; DNA binding; vitamin D receptor binding; protein heterodimerization activity; transcription coactivator activity; protein N-terminus binding; thyroid hormone receptor binding Biological Process: transcription from RNA polymerase II promoter; transcription initiation from RNA polymerase II promoter; regulation of transcription, DNA-dependent; viral reproduction; RNA elongation from RNA polymerase II promoter; gene expression
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