Transcription Initiation Factor TFIID Subunit 1 (TAF1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription initiation factor TFIID subunit 1 (TAF1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Transcription initiation factor TFIID subunit 1 (TAF1) , partial
Product Gene Name	TAF1 recombinant protein
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	120,696 Da
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.
3D Structure	ModBase 3D Structure for P46677
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TAF1 recombinant protein	MBS1245803 is a recombinant protein targeting TAF1. Also known as Recombinant Saccharomyces cerevisiae Transcription initiation factor TFIID subunit 1 (TAF1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TAF1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAF1. It may not necessarily be applicable to this product.

NCBI GI #	6321713
NCBI GeneID	853191
NCBI Accession #	NP_011790.1
UniProt Primary Accession #	P46677
UniProt Secondary Accession #	D6VV51
UniProt Related Accession #	P46677
GenBank Nucleotide #	NM_001181403.2
NCBI Official Full Name	Taf1p
NCBI Official Symbol	TAF1

NCBI Official Synonym Symbols	KAT4; TAF130; TAF145
UniProt Protein Name	Transcription initiation factor TFIID subunit 1
UniProt Synonym Protein Names	TAFII-130; TAFII-145; TBP-associated factor 1; TBP-associated factor 145 kDa
Protein Family	Taz1-interacting factor
UniProt Gene Name	TAF1
UniProt Synonym Gene Names	TAF130; TAF145
NCBI Protein Information	Taf1p
UniProt Comments for TAF1	Functions as a component of the DNA-binding general transcription factor complex TFIID. Binding of TFIID to a promoter (with or without TATA element) is the initial step in pre-initiation complex (PIC) formation. TFIID plays a key role in the regulation of gene expression by RNA polymerase II through different activities such as transcription activator interaction, core promoter recognition and selectivity, TFIIA and TFIIB interaction, chromatin modification (histone acetylation by TAF1), facilitation of DNA opening and initiation of transcription.
Research Articles on TAF1	**1.** a specific effect of a Taf1 mutation on Taf2 occupancy that may reflect the spatial relationship between Taf1 and Taf2 within TFIID
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