Transcription Initiation Factor TFIID Subunit 4 (TAF4) Candida Albicans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription initiation factor TFIID subunit 4 (TAF4), Recombinant Protein
Full Product Name	Recombinant Candida albicans Transcription initiation factor TFIID subunit 4 (TAF4)
Product Gene Name	TAF4 recombinant protein
Product Synonym Gene Name	TAF4
Sequence	MTSTPQESSN LKRQLENSED SSSPNKESKT ETTTENQSSW ESDFNSLPVE LLQTETNGTS PAPAPATPID TTNASSTKER DQDTSKLNDA IAAAGVDIQQ EEEILLQQQL NRKSAEGMAS NLKSVIRSSK SPPFLHNYHL AAFIDKVAKQ NGIQQNFLMD GEMLELISAA CETWLSNLAT KTIILSRHRR RGIPVINKKS GSSSVPRSEI SKELRSLALK QKEMEEKRVN KRVMLGLEKS TKDASKNDEN GESKAGAEET LHRAANATAA MMTMNPGRKK YSWMTSSATA GGGSDFGKSS GGSSKDSGKH QSPIISVRGD NGLRFREIRS GNSIIMKDLL GAIEDEKMGT RNAVIKGYAK LKD
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	39,591 Da
Sequence Positions	1-363, 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.
3D Structure	ModBase 3D Structure for Q59U67
Species	Candida albicans (strain SC5314 / MYA-2876) (Yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TAF4 recombinant protein	MBS1350435 is a recombinant protein targeting TAF4. Also known as Recombinant Candida albicans Transcription initiation factor TFIID subunit 4 (TAF4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TAF4 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 TAF4. It may not necessarily be applicable to this product.

NCBI GI #	1111955162
NCBI GeneID	3645198
NCBI Accession #	XP_713142.2

UniProt Primary Accession #	Q59U67
UniProt Secondary Accession #	A0A1D8PHX9
UniProt Related Accession #	Q59U67
GenBank Nucleotide #	XM_708049.2
NCBI Official Full Name	Taf4p
NCBI Official Symbol	TAF4
UniProt Protein Name	Transcription initiation factor TFIID subunit 4
UniProt Synonym Protein Names	TBP-associated factor 4
Protein Family	Transcription initiation factor
UniProt Gene Name	TAF4
NCBI Protein Information	Taf4p
UniProt Comments for TAF4	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 ().
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