TATA Box-Binding Protein-Associated Factor RNA Polymerase I Subunit D (TAF1D) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	TATA box-binding protein-associated factor RNA polymerase I subunit D (Taf1d), Recombinant Protein
Full Product Name	Recombinant Mouse TATA box-binding protein-associated factor RNA polymerase I subunit D (Taf1d)
Product Gene Name	Taf1d recombinant protein
Product Synonym Gene Name	Taf1d
Sequence	MAQSEVNSVC VASDRAGDTG DQSDDSSDGS LFKTQCAPSP IQKQRHPTVK RVTLPASVET DSSSDSSIEP RPLTLKAIFE RFKKKKRKKR KKRKYEPKLR PRGRPRGKPS GTRITRRSQI DAKQIKDKGA VFPFLESESG RKPLPWKKIL TYEQAVARGF FHHIEKLKYE HHLKECLKQM HAGEDLEKED LDSRRHKYMD DDGSLSPIEE PLTEDEATNP QAECDIKLVE DSCFIISSEF SRKRNLEQEK IKKESTFSKK AKDATHREKG HRRTLKGNEH VTIEEDSRPQ PRPFAHLQSK VMKKGELEYL EVHHLCGLSQ PL
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	32,982 Da
Sequence Positions	1-322, full length protein
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 Q9D4V4
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Taf1d recombinant protein	MBS1402075 is a recombinant protein targeting Taf1d. Also known as Recombinant Mouse TATA box-binding protein-associated factor RNA polymerase I subunit D (Taf1d). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Taf1d 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 Taf1d. It may not necessarily be applicable to this product.

NCBI GI #	109240554
NCBI GeneID	75316
NCBI Accession #	NP_081537.1

UniProt Primary Accession #	Q9D4V4
UniProt Secondary Accession #	Q149X7; Q8C7I5; Q9CZG0; Q9D5U6
UniProt Related Accession #	Q9D4V4
GenBank Nucleotide #	NM_027261.3
NCBI Official Full Name	TATA box-binding protein-associated factor RNA polymerase I subunit D isoform 3
NCBI Official Synonym Full Names	TATA-box binding protein associated factor, RNA polymerase I, D
NCBI Official Symbol	Taf1d
NCBI Official Synonym Symbols	Josd3; TAFI41; TAF(I)41; 2810003M17Rik; 4930553M18Rik; 5930426I11Rik
UniProt Protein Name	TATA box-binding protein-associated factor RNA polymerase I subunit D
UniProt Synonym Protein Names	TATA box-binding protein-associated factor 1D; TBP-associated factor 1D; Transcription initiation factor SL1/TIF-IB subunit D
Protein Family	TATA box-binding protein-associated factor
UniProt Gene Name	Taf1d
UniProt Synonym Gene Names	Josd3; TBP-associated factor 1D
NCBI Protein Information	TATA box-binding protein-associated factor RNA polymerase I subunit D
UniProt Comments for Taf1d	Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (preinitiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1/TIF-IB with the rDNA promoter. SL1/TIF-IB is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. Formation of SL1/TIF-IB excludes the association of TBP with TFIID subunits ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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