Transcription Factor Tau 55 Kda Subunit (TFC7) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription factor tau 55 kDa subunit (TFC7), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Transcription factor tau 55 kDa subunit (TFC7)
Product Gene Name	TFC7 recombinant protein
Product Synonym Gene Name	TFC7
Sequence	MVVNTIYIAR HGYRSNWLPE GPYPDPLTGI DSDVPLAEHG VQQAKELAHY LLSLDNQPEA AFASPFYRCL ETVQPIAKLL EIPVYLERGI GEWYRPDRKP VIPVPAGYEI LSKFFPGVIS QEWDSTLTPN EKGETEQEMY MRFKKFWPLF IERVEKEYPN VECILLVTHA ASKIALGMSL LGYDNPRMSL NENGDKIRSG SCSLDKYEIL KKSYDTIDET DDQTSFTYIP FSDRKWVLTM NGNTEFLSSG EEMNWNFDCV AEAGSDADIK KRQMTKKTSS PIPEADDQTE VETVYISVDI PSGNYKERTE IAKSAILQYS GLETDAPLFR IGNRLYEGSW ERLVGTELAF PNAAHVHKKT AGLLSPTEEN ETTNAGQSKG SSTANDPNIQ IQEEDVGLPD STNTSRDHTG DKEEVQSEKI YRIKERIVLS NVRPM
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	49,146 Da
Sequence Positions	1-435, 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 Q12415
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TFC7 recombinant protein	MBS1429378 is a recombinant protein targeting TFC7. Also known as Recombinant Saccharomyces cerevisiae Transcription factor tau 55 kDa subunit (TFC7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TFC7 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 TFC7. It may not necessarily be applicable to this product.

NCBI GI #	6324684
NCBI GeneID	854277
NCBI Accession #	NP_014753.1

UniProt Primary Accession #	Q12415
UniProt Secondary Accession #	Q07347; Q6B220; D6W2G9
UniProt Related Accession #	Q12415
GenBank Nucleotide #	NM_001183529.1
NCBI Official Full Name	transcription factor TFIIIC subunit TFC7
NCBI Official Symbol	TFC7
UniProt Protein Name	Transcription factor tau 55 kDa subunit
UniProt Synonym Protein Names	TFIIIC 55 kDa subunit; Transcription factor C subunit 7
Protein Family	Transcription factor
UniProt Gene Name	TFC7
NCBI Protein Information	transcription factor TFIIIC subunit TFC7
UniProt Comments for TFC7	TFIIIC mediates tRNA and 5S RNA gene activation by binding to intragenic promoter elements. Upstream of the transcription start site, TFIIIC assembles the initiation complex TFIIIB-TFIIIC-tDNA, which is sufficient for RNA polymerase III recruitment and function. Part of the tauA domain of TFIIIC that binds boxA DNA promoter sites of tRNA and similar genes.
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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