Transcription Initiation Factor IIB 7 (tfbG) Halobacterium Salinarum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription initiation factor IIB 7 (tfbG), Recombinant Protein
Full Product Name	Recombinant Halobacterium salinarum Transcription initiation factor IIB 7 (tfbG)
Product Gene Name	tfbG recombinant protein
Product Synonym Gene Name	tfbG
Sequence	MTRSTRQRER ETAAKQEEEE DSEEGVRECP ECGSDNLVKS SDRAELVCND CGLVVEEEQI DPGPEWRAFN HQERQEKSRV GAPTTQTMHD KGLTTTIDWK DKDAYGRSIS SKKRSQMHRL RKWQERIRTK DAGERNLQFA LSEIDRMASA LGVPRSVREV ASVIYRRALK EDLIRGRSIE GVATSALYAA CRKEGIPRSL EEISEVSRVE RKEIGRTYRY ISQELGLEMK PVDPKKYVPR FCSELELTEE VQSKANEIIE TTAEEGLLSG KSPTGYAAAA IYAASLLCNE KKTQREVADV AQVTEVTIRN RYQEQIEAMG IHG
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	36,630 Da
Sequence Positions	1-323, 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 Q9HSF7
Species	Halobacterium salinarum (strain 700922 / JCM 11081 / NRC-1) (Halobacterium halobium)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tfbG recombinant protein	MBS1438636 is a recombinant protein targeting tfbG. Also known as Recombinant Halobacterium salinarum Transcription initiation factor IIB 7 (tfbG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tfbG 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 tfbG. It may not necessarily be applicable to this product.

NCBI GI #	499204604
NCBI Accession #	WP_010902144.1
UniProt Primary Accession #	Q9HSF7
GenBank Nucleotide #	WP_010902144.1
NCBI Official Full Name	transcription initiation factor IIB 2

UniProt Protein Name	Transcription initiation factor IIB 7
Protein Family	Transcription initiation factor
UniProt Gene Name	tfbG
UniProt Synonym Gene Names	TFIIB 7
UniProt Comments for tfbG	Stabilizes TBP binding to an archaeal box-A promoter. Also responsible for recruiting RNA polymerase II to the pre-initiation complex (DNA-TBP-TFIIB).
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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