Eukaryotic Translation Initiation Factor 3 Subunit G (TIF35) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit G (TIF35), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Eukaryotic translation initiation factor 3 subunit G (TIF35)
Product Gene Name	TIF35 recombinant protein
Product Synonym Gene Name	TIF35; DEHA2D04444g
Product Synonym Names	Eukaryotic translation initiation factor 3 subunit G; eIF3g; Eukaryotic translation initiation factor 3 RNA-binding subunit; eIF-3 RNA-binding subunit; Translation initiation factor eIF3 p33 subunit homolog; eIF3 p33 homolog
Sequence	MSASVIKSWA DAEDEIPTPE ITTNPDGTKT VVSYRLNANG QKVKITQKIK EVKVKEKVHP LIAQRKNWAK YGKEKNTPPG PDTRTTQLGE KVELKLGTSW KEIEKQEEES KEEQKAQLVS TQRIKCRTCG GDHFTSKCPF KDTLISDSTD ASNAATPEPA DDGMNAPGKY VPRHLRKDAN GNMPAKDLKD RDDSTTLKIS QLNSIVDEDM LRNELLGRYG PFQRAIVVRN RETGESRGFA YVTFATESKA EEALNDLNGK GYHSLILHLE WSKKRK
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	30,972 Da
Sequence Positions	1-276aa; 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 Q6BT10
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TIF35 recombinant protein	MBS1312161 is a recombinant protein targeting TIF35. Also known as Recombinant Debaryomyces hansenii Eukaryotic translation initiation factor 3 subunit G (TIF35). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TIF35 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 TIF35. It may not necessarily be applicable to this product.

NCBI GI #	50420255
NCBI GeneID	2901259

NCBI Accession #	XP_458660.1
UniProt Primary Accession #	Q6BT10
UniProt Related Accession #	Q6BT10
GenBank Nucleotide #	XM_458660.1
NCBI Official Full Name	DEHA2D04444p
NCBI Official Symbol	DEHA2D04444g
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit G
UniProt Synonym Protein Names	Eukaryotic translation initiation factor 3 RNA-binding subunit; Translation initiation factor eIF3 p33 subunit homolog
UniProt Gene Name	TIF35
UniProt Synonym Gene Names	eIF3g
UniProt Entry Name	EIF3G_DEBHA
NCBI Protein Information	DEHA2D04444p
UniProt Comments for TIF35	RNA-binding component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is involved in protein synthesis of a specialized repertoire of mRNAs and, together with other initiation factors, stimulates binding of mRNA and methionyl-tRNAi to the 40S ribosome. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation. This subunit can bind 18S rRNA.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/eukaryotic-translation-initiation-factor-3-subunit-g-tif35/1312161