Elongation Factor 1-Alpha 2 (TEF2) Candida Albicans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongation factor 1-alpha 2 (TEF2), Recombinant Protein
Full Product Name	Recombinant Candida albicans Elongation factor 1-alpha 2 (TEF2)
Product Gene Name	TEF2 recombinant protein
Product Synonym Gene Name	TEF2
Sequence	MGKEKTHVNV VVIGHVDSGK STTTGHLIYK CGGIDKRTIE KFEKEAAELG KGSFKYAWVL DKLKAERERG ITIDIALWKF ETPKYHVTVI DAPGHRDFIK NMITGTSQAD CAILIIAGGT GEFEAGISKD GQTREHALLA YTLGVKQLIV AVNKMDSVKW DKNRFEEIIK ETSNFVKKVG YNPKTVPFVP ISGWNGDNMI EASTNCPWYK GWEKETKSGK VTGKTLLEAI DAIEPPTRPT DKPLRLPLQD VYKIGGIGTV PVGRVETGII KAGMVVTFAP AGVTTEVKSV EMHHEQLAEG VPGDNVGFNV KNVSVKEIRR GNVCGDSKND PPKGCDSFNA QVIVLNHPGQ ISAGYSPVLD CHTAHIACKF DTLVEKIDRR TGKKLEENPK FVKSGDAAIV KMVPTKPMCV EAFTDYPPLG RFAVRDMRQT VAVGVIKSVE KSDKAGKVTK AAQKAAKK
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	50,012 Da
Sequence Positions	1-458, 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 Q59QD6
Species	Candida albicans (strain SC5314 / MYA-2876) (Yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TEF2 recombinant protein	MBS1343061 is a recombinant protein targeting TEF2. Also known as Recombinant Candida albicans Elongation factor 1-alpha 2 (TEF2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TEF2 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 TEF2. It may not necessarily be applicable to this product.

NCBI GI #	1111955269
NCBI GeneID	3648254
NCBI Accession #	XP_710148.2
UniProt Primary Accession #	Q59QD6

UniProt Secondary Accession #	P16017; Q5A743; A0A1D8PED0
UniProt Related Accession #	P0CY35
GenBank Nucleotide #	XM_705056.2
NCBI Official Full Name	translation elongation factor EF-1 alpha
NCBI Official Symbol	TEF1
UniProt Protein Name	Elongation factor 1-alpha 2
Protein Family	Elongation factor
UniProt Gene Name	TEF2
UniProt Synonym Gene Names	EF-1-alpha 2
NCBI Protein Information	translation elongation factor EF-1 alpha
UniProt Comments for TEF2	This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.
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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