Mitochondrial Import Inner Membrane Translocase Subunit TIM13 (TIM13) Candida Glabrata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial import inner membrane translocase subunit TIM13 (TIM13), Recombinant Protein
Full Product Name	Recombinant Candida glabrata Mitochondrial import inner membrane translocase subunit TIM13 (TIM13)
Product Gene Name	TIM13 recombinant protein
Product Synonym Gene Name	TIM13; CAGL0H09306g
Product Synonym Names	Mitochondrial import inner membrane translocase subunit TIM13
Sequence	MALFGGSSSQ APASATDNKV QAFKQQIAQE IAVANATDLV NKVSENCFEK CLQSPYKDGN EGCVDQCLAK YMRSWNVISK TYINRIQDAS TTGEI
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	10,342 Da
Sequence Positions	1-95aa; 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 Q6FRE1
Species	Candida glabrata (strain 2001 / CBS 138 / JCM 3761 / NBRC 0622 / NRRL Y-65) (Yeast) (Torulopsis glabrata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TIM13 recombinant protein	MBS1334259 is a recombinant protein targeting TIM13. Also known as Recombinant Candida glabrata Mitochondrial import inner membrane translocase subunit TIM13 (TIM13). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TIM13 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 TIM13. It may not necessarily be applicable to this product.

NCBI GI #	50289543
NCBI GeneID	2888718
NCBI Accession #	XP_447203.1
UniProt Primary Accession #	Q6FRE1

UniProt Related Accession #	Q6FRE1
GenBank Nucleotide #	XM_447203.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	CAGL0H09306g
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit TIM13
Protein Family	Mitochondrial import inner membrane translocase
UniProt Gene Name	TIM13
UniProt Entry Name	TIM13_CANGA
NCBI Protein Information	hypothetical protein
UniProt Comments for TIM13	Mitochondrial intermembrane chaperone that participates in the import and insertion of some multi-pass transmembrane proteins into the mitochondrial inner membrane. Also required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space. The TIM8-TIM13 complex is non essential and only mediates the import of few proteins, while the predominant TIM9-TIM10 70 kDa complex is crucial and mediates the import of much more proteins ().
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