Mitochondrial Import Inner Membrane Translocase Subunit TIM10 (TIM10) Kluyveromyces Lactis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial import inner membrane translocase subunit TIM10 (TIM10), Recombinant Protein
Full Product Name	Recombinant Kluyveromyces lactis Mitochondrial import inner membrane translocase subunit TIM10 (TIM10)
Product Gene Name	TIM10 recombinant protein
Product Synonym Gene Name	TIM10; KLLA0F25872g
Product Synonym Names	Mitochondrial import inner membrane translocase subunit TIM10
Sequence	MFGLGGQPQL SSQQKLSAAE AELDLVTDMF NKLVDNCHKK CIEQIYNDGQ LNKNESTCID RCVAKYFETN VKVGENMQQL GQAFSPGKF
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	9,935 Da
Sequence Positions	1-89aa; 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 Q6CIK7
Species	Kluyveromyces lactis (strain 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (Candida sphaerica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TIM10 recombinant protein	MBS1330665 is a recombinant protein targeting TIM10. Also known as Recombinant Kluyveromyces lactis Mitochondrial import inner membrane translocase subunit TIM10 (TIM10). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TIM10 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 TIM10. It may not necessarily be applicable to this product.

NCBI GI #	50312397
NCBI GeneID	2895154
NCBI Accession #	XP_456232.1

UniProt Primary Accession #	Q6CIK7
UniProt Related Accession #	Q6CIK7
GenBank Nucleotide #	XM_456232.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	KLLA0F25872g
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit TIM10
Protein Family	Mitochondrial import inner membrane translocase
UniProt Gene Name	TIM10
UniProt Entry Name	TIM10_KLULA
NCBI Protein Information	hypothetical protein
UniProt Comments for TIM10	Mitochondrial intermembrane chaperone that participates in the import and insertion of 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 ().
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