Mitochondrial Import Inner Membrane Translocase Subunit TIM14 (TIM14) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial import inner membrane translocase subunit TIM14 (Tim14), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Mitochondrial import inner membrane translocase subunit TIM14 (Tim14), partial
Product Gene Name	Tim14 recombinant protein
Product Synonym Gene Name	Tim14
Sequence	MASSVILAGL SVAAVGFAGK HLMRRMPQMT TKFNEALKNL PKYDAESMAA SKYYKGGFDP KMNKREASLI LGVSPSASKI KIKDAHKKIM LLNHPDRGGS PYLAAKINEA KDFLDKAK
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	12,868 Da
Sequence Positions	1-118
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 Q9VTJ8
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Tim14 recombinant protein	MBS1333417 is a recombinant protein targeting Tim14. Also known as Recombinant Drosophila melanogaster Mitochondrial import inner membrane translocase subunit TIM14 (Tim14), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Tim14 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 Tim14. It may not necessarily be applicable to this product.

NCBI GI #	386770961
NCBI GeneID	39294
NCBI Accession #	NP_001246717.1
UniProt Primary Accession #	Q9VTJ8

UniProt Secondary Accession #	Q8SYM8
UniProt Related Accession #	Q9VTJ8
GenBank Nucleotide #	NM_001259788.2
NCBI Official Full Name	CG7394, isoform C
NCBI Official Symbol	CG7394
NCBI Official Synonym Symbols	BcDNA:RE52392; D.M.UKP; DmelCG7394; TIM14
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit TIM14
Protein Family	Mitochondrial import inner membrane translocase
UniProt Gene Name	Tim14
NCBI Protein Information	CG7394 gene product from transcript CG7394-RD
UniProt Comments for Tim14	Probable component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity ().
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