Mitochondrial Import Receptor Subunit TOM40 Homolog (CBG03225) Caenorhabditis Briggsae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial import receptor subunit TOM40 homolog (CBG03225), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis briggsae Mitochondrial import receptor subunit TOM40 homolog (CBG03225)
Product Gene Name	CBG03225 recombinant protein
Product Synonym Gene Name	CBG03225
Sequence	MATPTESEFA APIPQTNPGS YEELHRKARD VFPTCFEGAK LMVNKGLSSH FQVSHTLSLS AMNTGYRFGA TYVGTNQVGP AEAYPILLGD TDVNGNTTAT ILHQMGIYRT KLQGQIQQGK LAGAQATIER KGRLSTLGLT LANIDLVNEA GILVGQFLRR LTPRLDVGTE MVYQYGKNIP GGQISVLSYA ARYTANHFIA AATLGASGVH LTYYHKQHDN LAFGVEFECN ANVGEAVTTL AYQTELPEEG VTMRASFDTN WSVGGVFEKR LSQQLPFTLA LSGTLNHVKA AGKFGIGLII G
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	32,417 Da
Sequence Positions	1-301, 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 Q61Z83
Species	Caenorhabditis briggsae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CBG03225 recombinant protein	MBS1306844 is a recombinant protein targeting CBG03225. Also known as Recombinant Caenorhabditis briggsae Mitochondrial import receptor subunit TOM40 homolog (CBG03225). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CBG03225 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 CBG03225. It may not necessarily be applicable to this product.

NCBI GI #	268532510
NCBI GeneID	8573382
NCBI Accession #	XP_002631383.1

UniProt Primary Accession #	Q61Z83
UniProt Secondary Accession #	A8WSI3
UniProt Related Accession #	Q61Z83
GenBank Nucleotide #	XM_002631337.1
NCBI Official Full Name	Hypothetical protein CBG03225
NCBI Official Symbol	CBG03225
UniProt Protein Name	Mitochondrial import receptor subunit TOM40 homolog
UniProt Synonym Protein Names	Translocase of outer membrane 40 kDa subunit homolog
UniProt Gene Name	tomm-40
NCBI Protein Information	Hypothetical protein CBG03225
UniProt Comments for CBG03225	Channel-forming protein essential for import of protein precursors into mitochondria. Specifically required for nnt-1 accumulation in the mitochondria and may be involved in the secretion of daf-28/insulin from the mitochondria. Required for embryonic and larval development.
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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