Mitochondrial Import Receptor Subunit TOM20 Homolog B (tomm20b) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial import receptor subunit TOM20 homolog B (tomm20b), Recombinant Protein
Full Product Name	Recombinant Danio rerio Mitochondrial import receptor subunit TOM20 homolog B (tomm20b), partial
Product Gene Name	tomm20b recombinant protein
Product Synonym Gene Name	tomm20b
Sequence	MMGGSSSRIA AGLGAALFVG YCIYFDRKRR SDPNYKNKLR ERRKKQKAAQ EKAGLSRLPD LKDAEAVQKF FLEEIQLGEE LLAQGDYEKG VDHLTNAIAV CGQPQQLLQV LQQTLPPPVF QMLLTKLPTI SQRIVSAQSI SDDDIE
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	16,292 Da
Sequence Positions	1-146
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 Q6DH66
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tomm20b recombinant protein	MBS1470565 is a recombinant protein targeting tomm20b. Also known as Recombinant Danio rerio Mitochondrial import receptor subunit TOM20 homolog B (tomm20b), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tomm20b 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 tomm20b. It may not necessarily be applicable to this product.

NCBI GI #	50540460
NCBI GeneID	436971
NCBI Accession #	NP_001002698.1
UniProt Primary Accession #	Q6DH66

UniProt Related Accession #	Q6DH66
GenBank Nucleotide #	NM_001002698.1
NCBI Official Full Name	mitochondrial import receptor subunit TOM20 homolog B
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 20b
NCBI Official Symbol	tomm20b
NCBI Official Synonym Symbols	tomm20; zgc:92628
UniProt Protein Name	Mitochondrial import receptor subunit TOM20 homolog B
UniProt Synonym Protein Names	Mitochondrial 20 kDa outer membrane protein B; Outer mitochondrial membrane receptor Tom20-B
Protein Family	Mitochondrial import receptor
UniProt Gene Name	tomm20b
NCBI Protein Information	mitochondrial import receptor subunit TOM20 homolog B
UniProt Comments for tomm20b	Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with tom22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the tom40 translocation pore ().
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