Mitochondrial Import Inner Membrane Translocase Subunit Tim9 B (fxc1) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial import inner membrane translocase subunit Tim9 B (fxc1), Recombinant Protein
Full Product Name	Recombinant Danio rerio Mitochondrial import inner membrane translocase subunit Tim9 B (fxc1)
Product Gene Name	fxc1 recombinant protein
Product Synonym Gene Name	fxc1
Sequence	MDPQGQLRNL RDFLLVYNRM TEICFHRCSS NFNYRNLTMD EERCVDSCAG KLIRTNHRLM GTYVQLMPAM VQKRMQEMES KAAEMAKAEA EAAAKAGTSV PDNPSSAITN ASMMSPSIQD IPNTSSTAPN GFQILSSPDN TSDIKTSSMT NGSAFGETNL HVITNDAKTF TNQSLDELIT PSPVNTSVPE TPTAGGAGQT PS
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	21,861 Da
Sequence Positions	1-202, 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 Q568N4
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fxc1 recombinant protein	MBS1471285 is a recombinant protein targeting fxc1. Also known as Recombinant Danio rerio Mitochondrial import inner membrane translocase subunit Tim9 B (fxc1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fxc1 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 fxc1. It may not necessarily be applicable to this product.

NCBI GI #	62955631
NCBI GeneID	550527
NCBI Accession #	NP_001017829.1
UniProt Primary Accession #	Q568N4
UniProt Related Accession #	Q568N4

GenBank Nucleotide #	NM_001017829.1
NCBI Official Full Name	mitochondrial import inner membrane translocase subunit Tim10 B
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 10 homolog B (yeast)
NCBI Official Symbol	timm10b
NCBI Official Synonym Symbols	fxc1; Tim10b; zgc:110193
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit Tim10 B
UniProt Synonym Protein Names	Mitochondrial import inner membrane translocase subunit Tim9 B; TIMM10B; Tim10b
UniProt Gene Name	timm10b
UniProt Synonym Gene Names	fxc1; tim9b; timm9b; Tim10b
NCBI Protein Information	mitochondrial import inner membrane translocase subunit Tim10 B
UniProt Comments for fxc1	Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force.
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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