Protoheme IX Farnesyltransferase (ctaB) Mycobacterium Abscessus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protoheme IX farnesyltransferase (ctaB), Recombinant Protein
Full Product Name	Recombinant Mycobacterium abscessus Protoheme IX farnesyltransferase (ctaB), partial
Product Gene Name	ctaB recombinant protein
Sequence	MRMRETQGAQ GRGRNAPPFL RTILAYIALT KPRVIELLLV TTIPAMLLAD RGDVNPLLIL NTLLGGVMAA ASANTLNCVA DADIDKVMKR TARRPLAMSS VTTRNALIFG VVLGVGAFAW LWWTANLLSG LLAVATIAFY VFVYTLVLKR RTAQNVVWGG AAGCMPVMIG WSAVTNTIQW PALVMFAVIF FWTPPHTWAL AMRYKEDYRA AGVPMLPVIA TEEKVTKLIL VYTWLTVLST LALALAAGVI YAVVAFLAGV WFLAMAHQLY SGVRKGQPIR PLRLFLQSNN YLAVVFCALA VDSVVGWPTL FQL
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	34,256 Da
Sequence Positions	1-313
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 B1MC66
Species	Mycobacterium abscessus (strain 19977 / DSM 44196)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ctaB recombinant protein	MBS1257749 is a recombinant protein targeting ctaB. Also known as Recombinant Mycobacterium abscessus Protoheme IX farnesyltransferase (ctaB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ctaB 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 ctaB. It may not necessarily be applicable to this product.

NCBI GI #	238688898
NCBI Accession #	B1MC66.1
UniProt Primary Accession #	B1MC66
NCBI Official Full Name	Protoheme IX farnesyltransferase
UniProt Protein Name	Protoheme IX farnesyltransferase
UniProt Synonym Protein Names	Heme B farnesyltransferase

UniProt Gene Name	ctaB
UniProt Comments for ctaB	Converts heme B (protoheme IX) to heme O by substitution of the vinyl group on carbon 2 of heme B porphyrin ring with a hydroxyethyl farnesyl side group.
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