Protein Pafc (pafC) Mycobacterium Leprae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein pafC (pafC), Recombinant Protein
Full Product Name	Recombinant Mycobacterium leprae Protein pafC (pafC)
Product Gene Name	pafC recombinant protein
Sequence	MTQLSTRLVR LLNMVPYFQA NPRITRAEAA ADLGVSAKQL DQDFNQLWVC GLPGYGPGDL IDFEFSGDTI EVTFSAGIDR PLQLTSPEAI GLLVALRALA NIPGVVDPEA VRSAIAKIEA AAVVMGNEAT GSVASVDTRP FSESHAVAAV RAAVRDKQAL VIDYYSASHD TLTSRIVDPI RVLLVGDHSY LEAWSREAEG VRLFRFDRIV VARELDEPAA APETVRKALP DTSFFDDDPL LPSATLWVAR SVSWIFEYYP MRQAHELPDG SFQAVMTYAS DAWMTRLVLG FGSAVQVQAP EALAYRVRNA AVAALESYQV TAQA
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	35,259 Da
Sequence Positions	1-324, 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 P54075
Species	Mycobacterium leprae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pafC recombinant protein	MBS1254099 is a recombinant protein targeting pafC. Also known as Recombinant Mycobacterium leprae Protein pafC (pafC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pafC 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 pafC. It may not necessarily be applicable to this product.

NCBI GI #	15827691
NCBI GeneID	908553
NCBI Accession #	NP_301954.1
UniProt Primary Accession #	P54075
UniProt Secondary Accession #	Q9ZBD9
UniProt Related Accession #	P54075; CAC31711

GenBank Nucleotide #	NC_002677.1
NCBI Official Full Name	DNA-binding protein
NCBI Official Symbol	ML1330
UniProt Protein Name	Protein PafC
Protein Family	Protein
UniProt Gene Name	pafC
NCBI Protein Information	DNA-binding protein
UniProt Comments for pafC	Does not seem to be involved in pupylation or substrate degradation.
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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