Phosphoribosyl-Dephospho-Coa Transferase (mdcG) Klebsiella Pneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosyl-dephospho-CoA transferase (mdcG), Recombinant Protein
Full Product Name	Recombinant Klebsiella pneumoniae Phosphoribosyl-dephospho-CoA transferase (mdcG)
Product Gene Name	mdcG recombinant protein
Sequence	MSATPRPHDL VWLNHASALE DIAEPWVAQQ WRAALPVVVR RDVDDQARVP VGVRGMKREQ RAAGWVQARN IVRSVTPEML VDREVLLHSP FVSQPPVQGA IALTLHRWPW GWGVTGSTGY ALATEIPVLH AASDLDLLIR APQPLDREAL LEWQTRVAQL PCRADTQVET PYGAFALNEW LRDGRALLKT SRGARLTATP WHREE
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	23,014 Da
Sequence Positions	1-205, 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 P71426
Species	Klebsiella pneumoniae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mdcG recombinant protein	MBS1247878 is a recombinant protein targeting mdcG. Also known as Recombinant Klebsiella pneumoniae Phosphoribosyl-dephospho-CoA transferase (mdcG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mdcG 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 mdcG. It may not necessarily be applicable to this product.

NCBI GI #	490254256
NCBI Accession #	WP_004152239.1
UniProt Primary Accession #	P71426
UniProt Secondary Accession #	O32716
GenBank Nucleotide #	WP_004152239.1
NCBI Official Full Name	MULTISPECIES: phosphoribosyl-dephospho-CoA transferase

UniProt Protein Name	Phosphoribosyl-dephospho-CoA transferase
UniProt Synonym Protein Names	Malonate decarboxylase holo-[acyl-carrier-protein] synthase; Holo-ACP synthase
Protein Family	Phosphoribosyl-dephospho-CoA transferase
UniProt Gene Name	mdcG
UniProt Synonym Gene Names	mdcF; Holo-ACP synthase
UniProt Comments for mdcG	Transfers 2'-(5-triphosphoribosyl)-3'-dephosphocoenzyme-A to the apo-[acyl-carrier-protein] of the malonate decarboxylase to yield holo-[acyl-carrier-protein].
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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