Lipid A Palmitoyltransferase Pagp (pagP) Bordetella Pertussis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lipid A palmitoyltransferase PagP (pagP), Recombinant Protein
Full Product Name	Recombinant Bordetella pertussis Lipid A palmitoyltransferase PagP (pagP)
Product Gene Name	pagP recombinant protein
Sequence	CDGWPSWARG ACQRVDQIWN EGGNDLYLTG YSWHNRAMYS SDKIRSFNEL AWGGGLGKSI YDEDGDWQGL YAMAFLDSHS DIEPIAGYGF QKIGRIGADT RLGIGYTVFL TSRSDIMSRV PFPGILPLVS AGYRDATLYA TYIPGGKGNG NVLFMFGRWE F
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	20,276 Da
Sequence Positions	22-182, 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 F4LAC2
Species	Bordetella pertussis (strain CS)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pagP recombinant protein	MBS1252564 is a recombinant protein targeting pagP. Also known as Recombinant Bordetella pertussis Lipid A palmitoyltransferase PagP (pagP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pagP 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 pagP. It may not necessarily be applicable to this product.

NCBI GI #	499233708
NCBI Accession #	WP_010931248.1
UniProt Primary Accession #	F4LAC2
GenBank Nucleotide #	WP_010931248.1
NCBI Official Full Name	phospholipid:lipid A palmitoyltransferase
UniProt Protein Name	Lipid A palmitoyltransferase PagP
UniProt Synonym Protein Names	Lipid A acylation protein

Protein Family	Lipid A palmitoyltransferase
UniProt Gene Name	pagP
UniProt Comments for pagP	Transfers a palmitate residue from the sn-1 position of a phospholipid to the N-linked hydroxymyristate on the proximal unit of lipid A or its precursors.
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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