Putative Lipid Kinase Sp_1045 (Sp_1045) (SP_1045) Streptococcus Pneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative lipid kinase SP_1045 (SP_1045), Recombinant Protein
Full Product Name	Recombinant Streptococcus pneumoniae Putative lipid kinase SP_1045 (SP_1045)
Product Gene Name	SP_1045 recombinant protein
Product Synonym Gene Name	SP_1045
Sequence	MKKAMVIINP TSGGEKALDY KEKLENKAKE YFEYVETKIT EKALDATHFA EEASREQYDA VVVFGGDGTV NEVISGIDER DYIPKLGIIP GGTGNLITKL LEINQDIDGA IDELDFDLTN KIDIGKANDN YFGYIFSIGS LPEAIHNVEI EDKTKFGILT YAVNTMKSVM TDQVFNIKVE TENGNYVGEA SHVLVLLTNY FADKKIFEEN KDGYANILIL KDASIFSKLS VIPDLLKGDV VANDNIEYIK ARNIKISSDS ELESDVDGDK SDNLPVEIKV LAQRVEVFSK PKED
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	32,682 Da
Sequence Positions	1-294, 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 Q97QZ6
Species	Streptococcus pneumoniae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SP_1045 recombinant protein	MBS1471585 is a recombinant protein targeting SP_1045. Also known as Recombinant Streptococcus pneumoniae Putative lipid kinase SP_1045 (SP_1045). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SP_1045 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 SP_1045. It may not necessarily be applicable to this product.

NCBI GI #	446632769
NCBI Accession #	WP_000710115.1
UniProt Primary Accession #	Q97QZ6
GenBank Nucleotide #	WP_000710115.1

NCBI Official Full Name	lipid kinase
UniProt Protein Name	Putative lipid kinase SP_1045
Protein Family	Putative lipid kinase
UniProt Gene Name	SP_1045
UniProt Comments for SP_1045	May catalyze the ATP-dependent phosphorylation of lipids other than diacylglycerol (DAG). In fact, is not able to exhibit diacylglycerol kinase activity in vitro.
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