Lysine--Trna Ligase (lysS) Listeria Monocytogenes Serovar 1/2a Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lysine--tRNA ligase (lysS), Recombinant Protein
Full Product Name	Recombinant Listeria monocytogenes serovar 1/2a Lysine--tRNA ligase (lysS)
Product Gene Name	lysS recombinant protein
Product Synonym Gene Name	lysS
Sequence	MSNENHEELN DQLIVRREKV DTLREEGIDP FGEKFIRSIS PEEIETKFAD KSKEELEEAA IEVSVAGRIM TKRVKGKVGF THIQDRFHQL QIYIRKDAIG EDAYAVFKLA DLGDIIGIKG TIFRTNTGEL SVKATEFTLL SKSLRPLPDK YHGLKDVEQR YRQRYLDLIT NEESQNRFVM RSKILKYTRD YMDNQGFLEV ETPVLHTIAG GAAAKPFITH HNALDMELYL RIALELHLKR LIVGGMDKVY EIGRVFRNEG TSTRHNPEFT MLESYAAYED YEDVMDLVEG LVSTVCKQVN GTTEITYGEY KVDLTPNWRR IHMADAVKEY VGVDFWNVTS DEEARELAKK HDVPVTEHMT YGHILNEFFE TYVEEKLIQP TFVYGHPVEI SPLAKKNKED ERFTDRFELF IVGREHANAF SELNDPIDQR ERFEAQMKER EQGNDEAHGM DADFLEALEY GLPPTGGLGI GIDRLVMLLT DAPSIRDILL FPTMKHRD
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	57,438 Da
Sequence Positions	1-498, 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 Q8YAB8
Species	Listeria monocytogenes serovar 1/2a (strain BAA-679 / EGD-e)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lysS recombinant protein	MBS1387810 is a recombinant protein targeting lysS. Also known as Recombinant Listeria monocytogenes serovar 1/2a Lysine--tRNA ligase (lysS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lysS 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 lysS. It may not necessarily be applicable to this product.

NCBI GI #	16802274
NCBI GeneID	987100
NCBI Accession #	NP_463759.1

UniProt Primary Accession #	Q8YAB8
UniProt Related Accession #	Q8YAB8
GenBank Nucleotide #	NC_003210.1
NCBI Official Full Name	lysyl-tRNA synthetase
NCBI Official Symbol	lysS
UniProt Protein Name	Lysine--tRNA ligase
UniProt Synonym Protein Names	Lysyl-tRNA synthetase
Protein Family	Lysine--tRNA ligase
UniProt Gene Name	lysS
UniProt Synonym Gene Names	LysRS
NCBI Protein Information	lysyl-tRNA synthetase
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