Lysine--Trna Ligase (lysS) Salmonella Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lysine--tRNA ligase (lysS), Recombinant Protein
Full Product Name	Recombinant Salmonella typhi Lysine--tRNA ligase (lysS), partial
Product Gene Name	lysS recombinant protein
Product Synonym Gene Name	lysS
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	57,556 Da
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 Q8Z3X8
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lysS recombinant protein	MBS1328607 is a recombinant protein targeting lysS. Also known as Recombinant Salmonella typhi Lysine--tRNA ligase (lysS), partial. 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 #	16761821
NCBI GeneID	1249480
NCBI Accession #	NP_457438.1
UniProt Primary Accession #	Q8Z3X8
GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	lysyl tRNA synthetase
NCBI Official Symbol	STY3196
NCBI Official Synonym Symbols	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
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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