Leucine--Trna Ligase (leuS) Lactobacillus Acidophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Leucine--tRNA ligase (leuS), Recombinant Protein
Full Product Name	Recombinant Lactobacillus acidophilus Leucine--tRNA ligase (leuS), partial
Product Gene Name	leuS recombinant protein
Product Synonym Gene Name	leuS
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	92,469 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 Q5FIP3
Species	Lactobacillus acidophilus (strain 700396 / NCK56 / N2 / NCFM)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for leuS recombinant protein	MBS1357914 is a recombinant protein targeting leuS. Also known as Recombinant Lactobacillus acidophilus Leucine--tRNA ligase (leuS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of leuS 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 leuS. It may not necessarily be applicable to this product.

NCBI GI #	489644068
NCBI Accession #	WP_003548508.1
UniProt Primary Accession #	Q5FIP3
GenBank Nucleotide #	WP_003548508.1
NCBI Official Full Name	leucine--tRNA ligase
UniProt Protein Name	Leucine--tRNA ligase
UniProt Synonym Protein Names	Leucyl-tRNA synthetase
Protein Family	Leucine--tRNA ligase
UniProt Gene Name	leuS

UniProt Synonym Gene Names	LeuRS
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