Leucine--Trna Ligase (Leus), Partial (leuS) Roseobacter Denitrificans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Leucine--tRNA ligase (leuS), partial, Recombinant Protein
Full Product Name	Recombinant Roseobacter denitrificans Leucine--tRNA ligase (leuS), partial
Product Gene Name	leuS recombinant protein
Product Synonym Gene Name	leuS; RD1_0049
Product Synonym Names	Leucine--tRNA ligase; EC=6.1.1.4; Leucyl-tRNA synthetase; LeuRS
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	94,820 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 Q16E06
Species	Roseobacter denitrificans (strain 33942 / OCh 114) (Erythrobacter sp. (strain OCh 114)) (Roseobacter denitrificans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for leuS recombinant protein	MBS1335652 is a recombinant protein targeting leuS. Also known as Recombinant Roseobacter denitrificans 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 #	110677466
NCBI GeneID	4198491
NCBI Accession #	YP_680473.1
UniProt Primary Accession #	Q16E06
UniProt Related Accession #	Q16E06
GenBank Nucleotide #	NC_008209.1
NCBI Official Full Name	leucyl-tRNA synthetase
NCBI Official Symbol	leuS

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
UniProt Entry Name	SYL_ROSDO
NCBI Protein Information	leucyl-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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