Histidine--Trna Ligase (hisS) Burkholderia Mallei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histidine--tRNA ligase (hisS), Recombinant Protein
Full Product Name	Recombinant Burkholderia mallei Histidine--tRNA ligase (hisS)
Product Gene Name	hisS recombinant protein
Product Synonym Gene Name	hisS
Sequence	MTEQKRKLEK LTGVKGMNDI LPQDAGLWEF FEATVKSLLR AYGYQNIRTP IVEHTQLFTR GIGEVTDIVE KEMYSFVDAL NGENLTLRPE NTAAVVRAAI EHNMLYDGPK RLWYLGPMFR HERPQRGRYR QFHQVGVEAL GFAGPDADAE IIMMCQRLWD DLGLTGIKLE INSLGLAEER AAHRVELIKY LEQHVDKLDD DAQRRLYTNP LRVLDTKNPA LQEIVRNAPQ LIDFLGDVSR AHFDGLQQLL KANNLPFTIN PRLVRGLDYY NLTVFEWVTD KLGAQGTVAA GGRYDPLIEQ LGGKPTAACG WAMGVERILE LLKEEHLVPE QEGVDVYVVH QGDAAREQAF IVAERLRDTG LDVILHCSAD GAGASFKSQM KRADASGAAF AVIFGEDEVA NGTVSVKPLR GTGAEGEKNV QQSVPVESLT EFLINAMVAT AEDGDD
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	49,600 Da
Sequence Positions	1-446, 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 Q62JW5
Species	Burkholderia mallei (Pseudomonas mallei)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisS recombinant protein	MBS1280033 is a recombinant protein targeting hisS. Also known as Recombinant Burkholderia mallei Histidine--tRNA ligase (hisS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hisS 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 hisS. It may not necessarily be applicable to this product.

NCBI GI #	490296095
NCBI GeneID	3089368
NCBI Accession #	WP_004191559.1
UniProt Primary Accession #	Q62JW5

UniProt Related Accession #	Q62JW5
GenBank Nucleotide #	WP_004191559.1
NCBI Official Full Name	MULTISPECIES: histidine--tRNA ligase
NCBI Official Symbol	hisS
UniProt Protein Name	Histidine--tRNA ligase
UniProt Synonym Protein Names	Histidyl-tRNA synthetase
Protein Family	Histidine--tRNA ligase
UniProt Gene Name	hisS
UniProt Synonym Gene Names	HisRS
NCBI Protein Information	histidyl-tRNA synthetase
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