Histidine Biosynthesis Bifunctional Protein Hisb (hisB) Legionella Pneumophila Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histidine biosynthesis bifunctional protein HisB (hisB), Recombinant Protein
Full Product Name	Recombinant Legionella pneumophila Histidine biosynthesis bifunctional protein HisB (hisB)
Product Gene Name	hisB recombinant protein
Product Synonym Gene Name	hisB
Sequence	MKKILFIDRD GTLVEEPFDF QVDSLDKIKL TSGVIPALLQ LQKAGFTFIM VSNQNGIGTV AFPEEDFAVC HEFILDLFSS QGILFDEIFI CPHTPEDNCI CRKPKTGLLE PYLKETAFAK HYSWVIGDRD TDKEFADNLG VNFLPISKTH TWEMVVSAII NDARKASVQR KTKETAIDLS VQLDSDQTSV IDTPIPFFTH MLEQVAKHGG FDLRLQASGD LEVDEHHLIE DTAIALGEAI RTALGDKWGI NRYGYTLPMD ESLACVAIDI SGRSFCDFKG QFTREFVGGM ATEMVPHFFQ SLSSALGATI HIEVTGTNHH HMIEACFKVL GRALRQACSR TNNYLPSTKG VL
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	39,211 Da
Sequence Positions	1-352, 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 Q5X5X1
Species	Legionella pneumophila (strain Paris)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisB recombinant protein	MBS1320710 is a recombinant protein targeting hisB. Also known as Recombinant Legionella pneumophila Histidine biosynthesis bifunctional protein HisB (hisB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hisB 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 hisB. It may not necessarily be applicable to this product.

NCBI GI #	499526910
NCBI Accession #	WP_011213550.1
UniProt Primary Accession #	Q5X5X1
GenBank Nucleotide #	WP_011213550.1

NCBI Official Full Name	bifunctional histidinol-phosphatase/imidazoleglycerol-phosphate dehydratase
UniProt Protein Name	Histidine biosynthesis bifunctional protein HisB
Protein Family	Histidine biosynthesis bifunctional protein
UniProt Gene Name	hisB
UniProt Synonym Gene Names	IGPD
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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