ATP Phosphoribosyltransferase Regulatory Subunit (hisZ) Sinorhizobium Medicae Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP phosphoribosyltransferase regulatory subunit (hisZ), Recombinant Protein
Full Product Name	Recombinant Sinorhizobium medicae ATP phosphoribosyltransferase regulatory subunit (hisZ)
Product Gene Name	hisZ recombinant protein
Sequence	MPLIDLPGFA GDLLADFERR NTLRVDTPVI QPAEPFLDMA GEDLRRRIFM TESETGESLC LRPEFTIPVC LRHIETATGT PQRYAYLGEV FRQRRDGSSE FYQAGIEDLG DPDTAAADAR VVGDALFVLS NRLPGERLKV TLGDQSVFEA VIAACGLPGG WQKRLIHAFG DQKQLDRLLA ELADPKSPGV FGHDVERVAA LGMLDDEERL VAHIGETMEA TGYSTNASRS PRDIARRLKE KVELAATRLD KEALAVMRAF LALDLPLADA PAALHSFAGK ARLRIDDALE LFDARVAALA LAGADPGPMR YRAAFGRPLD YYTGLVFEIH VEGTPAVLAG GGRFDRLLTL LGAREHIPAV GFSLWLDRIE QAAGREK
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	41,231 Da
Sequence Positions	1-377, 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 A6U6I1
Species	Sinorhizobium medicae (strain WSM419) (Ensifer medicae)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisZ recombinant protein	MBS1253585 is a recombinant protein targeting hisZ. Also known as Recombinant Sinorhizobium medicae ATP phosphoribosyltransferase regulatory subunit (hisZ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hisZ 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 hisZ. It may not necessarily be applicable to this product.

NCBI GI #	500687038
NCBI Accession #	WP_011974609.1
UniProt Primary Accession #	A6U6I1
GenBank Nucleotide #	WP_011974609.1

NCBI Official Full Name	MULTISPECIES: ATP phosphoribosyltransferase regulatory subunit
UniProt Protein Name	ATP phosphoribosyltransferase regulatory subunit
Protein Family	ATP phosphoribosyltransferase regulatory
UniProt Gene Name	hisZ
UniProt Comments for hisZ	Required for the first step of histidine biosynthesis. May allow the feedback regulation of ATP phosphoribosyltransferase activity by histidine.
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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