Phosphoribosyl-AMP Cyclohydrolase (hisI) Bacillus Cereus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosyl-AMP cyclohydrolase (hisI), Recombinant Protein
Full Product Name	Recombinant Bacillus cereus Phosphoribosyl-AMP cyclohydrolase (hisI)
Product Gene Name	hisI recombinant protein
Product Synonym Gene Name	hisI
Sequence	MKPNFSKGLL PAVVIEEGTK EVLMLAYMNE EAYEKTLKTK RTWFYSRSRR SLWNKGETSG HVQHVQSLYL DCDQDAIVVV VKQVGPACHT GEKTCFHYKI I
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	11,607 Da
Sequence Positions	1-101, Full length
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 Q63DW7
Species	Bacillus cereus (strain ZK / E33L)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisI recombinant protein	MBS1330796 is a recombinant protein targeting hisI. Also known as Recombinant Bacillus cereus Phosphoribosyl-AMP cyclohydrolase (hisI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hisI 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 hisI. It may not necessarily be applicable to this product.

NCBI GI #	446726666
NCBI Accession #	WP_000803979.1
UniProt Primary Accession #	Q63DW7
GenBank Nucleotide #	WP_000803979.1
NCBI Official Full Name	MULTISPECIES: phosphoribosyl-AMP cyclohydrolase
UniProt Protein Name	Phosphoribosyl-AMP cyclohydrolase

Protein Family	Histidine biosynthesis bifunctional protein
UniProt Gene Name	hisI
UniProt Synonym Gene Names	PRA-CH
UniProt Comments for hisI	Catalyzes the hydrolysis of the adenine ring of phosphoribosyl-AMP.
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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