Phosphoribosyl-AMP Cyclohydrolase (hisI) Pseudomonas Syringae Pv. Tomato Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosyl-AMP cyclohydrolase (hisI), Recombinant Protein
Full Product Name	Recombinant Pseudomonas syringae pv. tomato Phosphoribosyl-AMP cyclohydrolase (hisI)
Product Gene Name	hisI recombinant protein
Product Synonym Gene Name	hisI
Sequence	MKDWLDEIHW NSDGLVPAIA QDRKTGRVLM MAWMNREALS LTASENRAIY WSRSRGKLWR KGEESGHVQK LHELRLDCDA DVIILMVEQI GGIACHTGRE SCFYRVYEQS GWKTVDPVLK DPDAIYPAGH
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	14,927 Da
Sequence Positions	1-130, 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 Q87UY9
Species	Pseudomonas syringae pv. tomato (strain DC3000)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisI recombinant protein	MBS1331140 is a recombinant protein targeting hisI. Also known as Recombinant Pseudomonas syringae pv. tomato 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 #	28872265
NCBI GeneID	1186838
NCBI Accession #	NP_794884.1
UniProt Primary Accession #	Q87UY9
UniProt Related Accession #	Q87UY9
GenBank Nucleotide #	NC_004578.1

NCBI Official Full Name	phosphoribosyl-AMP cyclohydrolase
NCBI Official Symbol	hisI
UniProt Protein Name	Phosphoribosyl-AMP cyclohydrolase
Protein Family	Histidine biosynthesis bifunctional protein
UniProt Gene Name	hisI
UniProt Synonym Gene Names	PRA-CH
NCBI Protein Information	phosphoribosyl-AMP cyclohydrolase
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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