Phosphoribosyl-AMP Cyclohydrolase (hisI) Pyrobaculum Calidifontis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosyl-AMP cyclohydrolase (hisI), Recombinant Protein
Full Product Name	Recombinant Pyrobaculum calidifontis Phosphoribosyl-AMP cyclohydrolase (hisI)
Product Gene Name	hisI recombinant protein
Sequence	MDAVPLATPE EAWRIAKSLN YRHIGGTVVA VVQDVETGEV LMVGHMDPVA VVLTLTTGLA HYYSTSRKRI WLKGETSGHY QIVKEFRTDC DGDAVVLKVV QIGAACHTGA RSCFSSPASF KIRLNRDA
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	13,959 Da
Sequence Positions	1-128, 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 A3MSF2
Species	Pyrobaculum calidifontis (strain JCM 11548 / VA1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisI recombinant protein	MBS1241482 is a recombinant protein targeting hisI. Also known as Recombinant Pyrobaculum calidifontis 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 #	167011493
NCBI Accession #	A3MSF2.1
UniProt Primary Accession #	A3MSF2
NCBI Official Full Name	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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