Phosphoribosyl-ATP Pyrophosphatase (hisE) Pyrobaculum Aerophilum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosyl-ATP pyrophosphatase (hisE), Recombinant Protein
Full Product Name	Recombinant Pyrobaculum aerophilum Phosphoribosyl-ATP pyrophosphatase (hisE)
Product Gene Name	hisE recombinant protein
Product Synonym Gene Name	hisE
Sequence	MSCQIFEKLE AVIRQRIAEG NPQSYTYRLY SSGVSTIARK VGEEAVEVAV AALAEGRERV VEESADLLYH LLVLLNSLGL SLGDVCKELE RRMK
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	10,471 Da
Sequence Positions	1-94, 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 Q8ZY18
Species	Pyrobaculum aerophilum (strain 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hisE recombinant protein	MBS1326340 is a recombinant protein targeting hisE. Also known as Recombinant Pyrobaculum aerophilum Phosphoribosyl-ATP pyrophosphatase (hisE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hisE 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 hisE. It may not necessarily be applicable to this product.

NCBI GI #	21263719
NCBI Accession #	Q8ZY18.1
UniProt Primary Accession #	Q8ZY18
NCBI Official Full Name	Phosphoribosyl-ATP pyrophosphatase
UniProt Protein Name	Phosphoribosyl-ATP pyrophosphatase
Protein Family	Phosphoribosyl-ATP pyrophosphatase

UniProt Gene Name	hisE
UniProt Synonym Gene Names	PRA-PH
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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