Bifunctional Purine Biosynthesis Protein Purh (purH) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Bifunctional purine biosynthesis protein PurH (purH), Recombinant Protein
Full Product Name	Recombinant Staphylococcus saprophyticus subsp. saprophyticus Bifunctional purine biosynthesis protein PurH (purH)
Product Gene Name	purH recombinant protein
Product Synonym Gene Name	purH
Sequence	MKKAILSVSN KAGIVTFGQS LIEQNYELYS TGGTMRELAN GGLPVKSISE LTEFEEIMDG RVKTLHPSVH GGILADRDKP EHLEQLQAQG IDLIDMVVVN LYPFKETVAN PNVTEEDAIE NIDIGGPTML RAAAKNFKHV ITVVHPADYN EVIDKLKNGT LDEAYRKSLM IKVFEHTNEY DAAIVDYFKD NKESLRYGEN PQQSAYFVRT SDAKHTLAGA KQLHGKQLSY NNIKDADAAL SLVKQFEQPA AVAVKHMNPC GVGVAETIDE AYKHAFDADN QSIFGGIVAL NRTVEKSLAE VLHGIFLEVV IAPKFTQEAL EVLGKKKNIR LLEIDMTIDN SEQELVSVSG GYLVQDKDNV KLNREDMTVV TEVEPTEAQW DAMLLGWKVV ASVKSNAVIL SNAKQTVGIG AGQMNRVGSA QIAIERAIEI NDDVAMVSDG FFPMDDTVEL AANSGIKAII QPGGSIKDQE SIDMANKHGI AMVTTGVRHF KH
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	53,875 Da
Sequence Positions	1-492, 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 Q49WJ7
Species	Staphylococcus saprophyticus subsp. saprophyticus (strain 15305 / DSM 20229)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for purH recombinant protein	MBS1347969 is a recombinant protein targeting purH. Also known as Recombinant Staphylococcus saprophyticus subsp. saprophyticus Bifunctional purine biosynthesis protein PurH (purH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of purH 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 purH. It may not necessarily be applicable to this product.

NCBI GI #	499622698
NCBI GeneID	3616626

NCBI Accession #	WP_011303432.1
UniProt Primary Accession #	Q49WJ7
UniProt Related Accession #	Q49WJ7
GenBank Nucleotide #	WP_011303432.1
NCBI Official Full Name	bifunctional phosphoribosylaminoimidazolecarboxamide formyltransferase/inosine monophosphate cyclohydrolase
NCBI Official Symbol	SSP_RS08635
UniProt Protein Name	Bifunctional purine biosynthesis protein PurH
UniProt Synonym Protein Names	ATIC
Protein Family	Bifunctional purine biosynthesis protein
UniProt Gene Name	purH
NCBI Protein Information	bifunctional phosphoribosylaminoimidazolecarboxamide formyltransferase/inosine monophosphate cyclohydrolase
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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