Bifunctional Purine Biosynthesis Protein Purh (purH) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Bifunctional purine biosynthesis protein PurH (purH), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 Bifunctional purine biosynthesis protein PurH (purH)
Product Gene Name	purH recombinant protein
Product Synonym Gene Name	purH
Sequence	MQQRRPVRRA LLSVSDKAGI VEFAQALSAR GVELLSTGGT ARLLAEKGLP VTEVSDYTGF PEMMDGRVKT LHPKVHGGIL GRRGLDDAIM EEHQILPIDM VVVNLYPFAQ TVAREGCSLE DAVENIDIGG PTMVRSAAKN HKDVAIVVKS SDYDAIIKEM DANEGSLTLA TRFDLAIKAF EHTAAYDSMI ANYFGSMVPA YHGESKEAAG RFPRTLNLNF IKKQDMRYGE NSHQQAAFYI EENVKEASVA TATQVQGKAL SYNNIADTDA ALECVKEFAE PACVIVKHAN PCGVAIGHSI LDAYDRAYKT DPTSAFGGII AFNRELDAET AQAIISRQFV EVIIAPSASE EALKITAAKQ NVRVLTCGQW GERVPGLDFK RVNGGLLVQD RDLGMVGAEE LRVVTKRQPS EQELRDALFC WKVAKFVKSN AIVYAKNNMT IGIGAGQMSR VYSAKIAGIK AADEGLEVKG SSMASDAFFP FRDGIDAAAA AGVTCVIQPG GSIRDDEVIA AADEHGIAML FTDMRHFRH
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	57,293 Da
Sequence Positions	1-529, 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 Q8FB68
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for purH recombinant protein	MBS1373372 is a recombinant protein targeting purH. Also known as Recombinant Escherichia coli O6 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 #	447110275
NCBI Accession #	WP_001187531.1

UniProt Primary Accession #	Q8FB68
GenBank Nucleotide #	WP_001187531.1
NCBI Official Full Name	bifunctional phosphoribosylaminoimidazolecarboxamide formyltransferase/inosine monophosphate cyclohydrolase
UniProt Protein Name	Bifunctional purine biosynthesis protein PurH
UniProt Synonym Protein Names	ATIC
Protein Family	Bifunctional purine biosynthesis protein
UniProt Gene Name	purH
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