



# Recombinant Escherichia coli O81 Bifunctional purine biosynthesis protein PurH (purH)

<b>Product Code</b>	CSB-BP483567EOP
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	B7MRD0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O81 (strain ED1a)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MQQRRPVRRRA LLSVSDKAGI VEFAQALSAR GVELLSTGGT ARLLAEKGLP  VTEVSDYTGF PEMMDGRVKT LHPKVHGGIL GRRGQDDAIM EEHQIQPIDM  VVVNLYPFAQ TVAREGCSLE DAVENIDIGG PTMVRSAAKN HKDVAIVVKS  SDYDAIKEM DANEGSLTLA TRFNLAIKAF EHTAAYDSMI ANYFGSMVPA  YHGESKEAAG RFPRTLNLNF IKKQDMRYGE NSHQQAIFYI EENVKEASVA  TATQVQGKAL SYNNIADTDA ALECVKEFAE PACVIVKHAN PCGVAVSNSI  LDAYDRAYKT DPTSAFGGII AFNRELDAET AQAIISRQFV EVIIAPSASE  EALKITAAKQ NVRVLICGQW GERAPGLDFK RVNGLLVQD RDLGMVGAE  LRVVTKRQPT EQELRDALFC WKVAKFVKSNI AIVYAKNNMT IGIGAGQMSR  VYSAKIAGIK AADEGLEVKG SSMASDAFFP FRDGIDAAAA AGVTCVIQPG  GSIRDDEVIA AADEHGIAML FTDMRHFRH</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	purH
<b>Protein Names</b>	Recommended name: Bifunctional purine biosynthesis protein PurH Including the following 2 domains: Phosphoribosylaminoimidazolecarboxamide formyltransferase EC= 2.1.2.3 Alternative name(s): AICAR transformylase IMP cyclohydrolase
<b>Expression Region</b>	1-529
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.