



# Recombinant Escherichia coli O157:H7 Bifunctional purine biosynthesis protein PurH (purH)

<b>Product Code</b>	CSB-EP471502EOE
<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>	B5Z0A3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7 (strain EC4115 / EHEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MQQRRPVRRA LLSVSDKAGI VEFAQALSAR GVELLSTGGT ARLLAEKGLP VTEVSDYTGF PEMMDGRVKT LHPKVHGGIL GRRGQDDAIM EEHQIQPIDM VVVNLYPFAQ TVAREGCSLE DAVENIDIGG PTMVRSAAKN HKDVAIVVKS SDYDAIKEM DDNEGSLTLA TRFDLAIKAF EHTAAYDSMI ANYFGSMVPA YHGESKEAAG RFPRTLNLNF IKKQDMRYGE NSHQQAIFYI EENVKEASVA TATQVQGKAL SYNNIADTDA ALECVKEFAE PACVIVKHAN PCGVAIGNSI LDAYDRAYKT DPTSAFGGII AFNRELDAET AQAIISRQFV EVIIAPSASE EALKITAAKQ NVRVLTCGQW GERVPGLDFK RVNGLLVQD RDLGMVGAAE LRVVTKRQPT EQELRDALFC WKVAKFVKSNI AIVYAKNNMT IGIGAGQMSR VYSAKIAGIK AADEGLEVKG SSMASDAFFP FRDGIDAAAA AGVTCVIQPG GSIRDDEVIA AADEHGIAML FTDMRHFRH
<b>Source</b>	E.coli
<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.

### Shelf Life

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