



Recombinant Bifunctional purine biosynthesis protein PurH (purH)

Product Code	CSB-EP372438EJE-B
Storage	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.
Uniprot No.	A1AIH7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O1:K1 / APEC
Purity	>85% (SDS-PAGE)
Sequence	MQQRRPVRRRA LLSVSDKAGI VEFAQALSAR GVELLSTGGT ARLLAEKGLP VTEVSDYTGF PEMMDGRVKT LHPKVHGGIL GRRGQDDTIM EEHQIQPIDM VVVNLYPFAQ TVAREGCSLE DAVENIDIGG PTMVRSAAKN HKDVAVVKS SDYDAIIEI DANEGSLTLE TRFDLAIKAF EHTAAYDSMI ANYFGSMVPA YHGESKEAAG RFPRTLNLNF IKKQDMRYGE NSHQQAIFY EENVKEASVA TATQVQGKAL SYNNIADTDA ALECVKEFAE PACVIVKHAN PCGVAIGNSI LDAYDRAYKT DPTSAFGGII AFNRELDAET AQAIISRQFV EVIIAPSASE EALKITAAKQ NVRVLTCGQW GERVPGLDFK RVNGLLVQD RDLGMVGAEE LRVVTKRQPT EQELRDALFC WKVAKFVKSNI AIVYAKNNMT IGIGAGQMSR VYSAKIAGIK AADEGLEVKG SSMASDAFFP FRDGIDAAAA AGVTCVIQPG GSIRDDEVIA AADEHGIAML FTDMRHFRH
Source	E.coli
Target Names	purH
Protein Names	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 cyclohydrolas
Expression Region	1-529
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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	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.