



Recombinant *Synechococcus elongatus* Imidazole glycerol phosphate synthase subunit HisH (hisH)

Product Code	CSB-EP657419FPY
Abbreviation	hisH
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.	Q31N58
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MASTPQIAVV DYDMGNLHSA CKGLEAAGAN PIVTADPATI LAADGVLLPG VGAFDPAMDH LRDRQLIEPL HQAATSGKPF LGICLGLQLL FEASEEGQSA GLGILPGRVQ RFRSEPLVI PHMGWNQLQL QQPDCPLWQN LGADPWFYFV HTYYVVPSEP TLTAATVQHG SQPVTAIAR DRLWAVQFHP EKSAKAGLQL LANFVTQVAA AQLQTVA
Source	E.coli
Target Names	hisH
Protein Names	Recommended name: Imidazole glycerol phosphate synthase subunit HisH EC= 2.4.2.- Alternative name(s): IGP synthase glutamine amidotransferase subunit IGP synthase subunit HisH ImGP synthase subunit HisH Short name= IGPS subun
Expression Region	1-217
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.