



Recombinant *Thermotoga petrophila* Imidazole glycerol phosphate synthase subunit HisF (hisF)

Product Code	CSB-EP401343TKF-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.	A5INE6
Product Type	Recombinant Protein
Immunogen Species	<i>Thermotoga petrophila</i> (strain RKU-1 / ATCC BAA-488 / DSM 13995)
Purity	≥85% (SDS-PAGE)
Sequence	MLAKRIIACL DVKDGRVVKG TNFENLRDSG DPVELGKFYS EIGIDELVFL DITASVEKRK TMLELVEKVA EQIDIPFTVG GGIHDFETAS ELILRGADKV SINTAAVEDP SLITKIARTF GSQAVVVAID AKKVDGEFVV FTYSGKKNTG ILLRDWVVEV ERRGAGEILL TSIDRDGTKA GYDTEMIRFV RPLTTLPPIA SGGAGKMEHF LEAFLAGADA ALAASVFHFR EIDVRELKEY LKKHGVNVR EGLR
Source	<i>E. coli</i>
Target Names	hisF
Protein Names	Recommended name: Imidazole glycerol phosphate synthase subunit HisF EC=4.1.3.- Alternative name(s): IGP synthase cyclase subunit IGP synthase subunit HisF ImGP synthase subunit HisF Short name= IGPS subunit HisF
Expression Region	1-254
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.