



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

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|--------------------------|---|
| Product Code | CSB-YP401343TKF |
| 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 | Yeast |
| 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. |
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