



Recombinant Histidine biosynthesis bifunctional protein HisB (hisB)

Product Code	CSB-YP800975SZB
Abbreviation	hisB
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.	Q83R05
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MSQKYLFDIDR DGTLISEPPS DFQVDRFDKL AFEPGVIPEL LKLQKAGYKL VMITNQDGLG TQSFPQADFD GPHNLMQIF TSQGVQFDEV LICPHLPADE CDCRKPVKL VEGYLAEQAM DRANSYVIGD RATDIQLAEN MGINGLRYDR ETLNWPMIGE QLTKRDRYAH VVRNTKETQI DVQVWLDREG GSKINTGVGF FDHMLDQIAT HGGFRMEINV KGDLYIDDHH TVEDTGLALG EALKIALGDK RGICRFGFVL PMDECLARCA LDISGRPHLE YKAEFTYQRV GDLSTEMIEH FFRSLSYTMG VTLHLKTKGK NDHHRVESLF KAFGRTLRQA IRVEGDTLPS SKGVL
Source	Yeast
Target Names	hisB
Protein Names	Recommended name: Histidine biosynthesis bifunctional protein HisB Including the following 2 domains: Histidinol-phosphatase EC= 3.1.3.15 Imidazoleglycerol-phosphate dehydratase Short name= IGPD EC= 4.2.1.19
Expression Region	1-355
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.