



Recombinant Histidine biosynthesis bifunctional protein HisIE (hisI)

Product Code	CSB-EP808208EGX-B
Abbreviation	hisI
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.	Q8FG47
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MLTEQQRREL DWEKTDGLMP VIVQHAVSGE VLMLGYMNPE ALDRTIESGK VTFFSRTKQR LWTKGETSGN FLNVVSIAPD CDNDTLLVLA NPIGPTCHKG TSSCFGDTAH QWLFLYQLEQ LLAERKSADP ETSYTAKLYA SGSKRIAQKV GEEGVETALA ATVHDRFELT NEASDLMYHL LVLLQDQDLD LTTVIENLRK RHQ
Source	E.coli
Target Names	hisI
Protein Names	Recommended name: Histidine biosynthesis bifunctional protein HisIE Including the following 2 domains: Phosphoribosyl-AMP cyclohydrolase Short name= PRA-CH EC= 3.5.4.19 Phosphoribosyl-ATP pyrophosphatase Short name= PR
Expression Region	1-203
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.