



Recombinant 1- (5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino]imidazole-4-carboxamide isomerase (hisA)

Product Code	CSB-EP767954SZB-B
Abbreviation	hisA
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.	Q83R04
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MIIPALDLID GTVVRLHQGD YGKQRDYGND PLPRLQDYAA QGAEVLHLVD LTGAKDPAKR QIPLIKTLVA GVNVPVQVGG GVRSEEDVAA LLEAGVARVV VGSTAVKSPD VVKGWFERFG ADALVLALDV RIDEQGNKQV AVSGWQENSG VSLEQLVETY LPVGLKHVLC TDISRDGTLA GSNVSLYEEV CARYPQVAFQ SSGGIGDIND VAALRGTGVR GVIVGRALLE GKFTVKEAIA CWQNA
Source	E.coli
Target Names	hisA
Protein Names	Recommended name: 1-(5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino]imidazole-4-carboxamide isomerase EC= 5.3.1.16 Alternative name(s): Phosphoribosylformimino-5-aminoimidazole carboxamide ribotide isomerase
Expression Region	1-245
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.