



Recombinant Arabidopsis thaliana 1- (5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino] imidazole-4-carboxamide isomerase, chloroplastic

Product Code	CSB-EP525774DOA-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.	O82782
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	GSTLRDLKE DGSVLVTNFE SDKSAEEYAK MYKEDGLTGG HVIMLGADPL SQAAAIGALH AYPGGLQVGG GINSENCMSY IEEGASHVIV TSYVFNNGKI DLERLKDIVS IVGKQRLILD LSCRKKDGRY AIVTDRWQKF SDVILDEKSL EFLGGFSDEF LVHGVDVEGK KLGIDEELVA LLGNYSPIPV TYAGGVTVMMD DVERIKDAGK GRVDVTGSA LDIFGGNLPY KDVAWHHKQ HSLH
Source	E.coli
Target Names	HISN3
Protein Names	Recommended name: 1-(5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino] imidazole-4-carboxamide isomerase, chloroplastic EC= 5.3.1.16 Alternative name(s): 5-proFAR isomerase BBM II Phosphoribosylformimino-5-aminoimidazole
Expression Region	62-304
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	Cytoplasmic domain
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.