



Recombinant Arabidopsis thaliana Phosphoribosylaminoimidazole- succinocarboxamide synthase, chloroplastic (PUR7)

Product Code	CSB-EP330810DOA
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.	P38025
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	CQGKAQN QQEERPQLSL DDLVTSNRKG EVLGTIKDSL SNCLSETNLL ATVPGLKSRI KGKVRDIYDA GDYLVLTITD RLSAFDRNLA SIPFKGQVLN ETSLWWFNNT QHITPNAIVS SPDRNVVIAK KCSVFPIEFV VRGYVTGSTD TSLWTVYNKG VRNYCGNELS DGLVKNQKLP ANILTPTTKA ADHDVPISPN EIVEGGFMTQ AEFDEASMKA LSLFEFGQGV AKKHGLILVD TKYEFGRSSD GSILLIDEIH TPDSSRYWLA GSYEERFQKG LEPENV DKEF LRLWFKENCN PYEDEVLPAA PAELVTELA W RYIFLYETIT GSRIDIPTQ EPIHDRISRN TSQALSSLRQ L
Source	E.coli
Target Names	PUR7
Protein Names	Recommended name: Phosphoribosylaminoimidazole-succinocarboxamide synthase, chloroplastic EC= 6.3.2.6 Alternative name(s): SAICAR synthetase
Expression Region	54-411
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 of Mature 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.



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