



Recombinant Arabidopsis thaliana Ribose-phosphate pyrophosphokinase 1, chloroplastic (PRS1)

Product Code	CSB-EP677082DOA-B
Abbreviation	PRS1
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.	Q42581
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	C DMPESLNVGN GNPSIPIINE RTLPKFLESA RMEKSVNRTN TRCLKFSGTA NPALAQEIAW YMGLDLGKVN IKRFADGEIY VQLQESVRGC DVYLVQPTCT PTNENLMELL IMVDACRRAS AKKVTAVIPY FGYARADRKT QGRESIAAKL VANLITEAGA DRVLACDLHS GQSMGYFDIP VDHVYCQPVI LDYLASKSIP SEDLVVVSPD VGGVARARAF AKKLSDAPLA IVDKRRSGHN VAEVMNLIGD VRGKVAIMVD DMIDTAGTIV KGAALLHQEG AREVYACCTH AVFSPPAIER LSGLLQEVI VTNTLPVAEK NYFPQLTILS VANLLGETIW RVHDDSSVSS IFL
Source	E.coli
Target Names	PRS1
Protein Names	Recommended name: Ribose-phosphate pyrophosphokinase 1, chloroplastic EC= 2.7.6.1 Alternative name(s): PRS I Phosphoribosyl pyrophosphate synthase 1
Expression Region	50-403
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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