



Recombinant Arabidopsis thaliana Ribose-phosphate pyrophosphokinase 2, chloroplastic (PRS2)

Product Code	CSB-EP674832DOA
Abbreviation	PRS2
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.	Q42583
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	SGYAKC NLPKALNGNA RVPIINETTI PKFFDSSRLE KSVSRNNTKL KLFSGTANPA LSQEIAWYMG LELGKVSIRK FADGEIYVQL KESVRGCDVF LVQPTCTPTN ENLMELLIMV DACRRASAKK VTAVIPYFGY ARADRKTQGR ESIAAKLVAN LITEAGADRV LACDLHSGQS MGYFDIPVDH VYCQPVILDY LASKSISSED LVVVSPDVGG VARARAFACK LSDAPLAIVD KRRHGHNVAE VMNLIGDVKG KVAVMVDDII DTAGTIVKGA ALLHEEGARE VYACCTHAVF SPPAIERLSS GLLQEIVITN TLPVAEKNYF PQLTILSVAN LLGETIWRVH DDSSVSSIFL
Source	E.coli
Target Names	PRS2
Protein Names	Recommended name: Ribose-phosphate pyrophosphokinase 2, chloroplastic EC= 2.7.6.1 Alternative name(s): PRS II Phosphoribosyl pyrophosphate synthase 2
Expression Region	45-400
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. 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.