



Recombinant Arabidopsis thaliana Phosphoribulokinase, chloroplastic (At1g32060)

Product Code	CSB-EP326237DOA
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.	P25697
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	AQET IVIGLAADSG CGKSTFMRRRL TSVFGGAAKP PKGGNPDSNT LISDTTIVIC LDDYHSLDRY GRKEQKVITAL DPRANDFDLM YEQVKALKNG IAVEKPIYNH VTGLLDPPEL IQPPKILVIE GLHPMFDERV RDLLDFSIYL DISNEVKFAW KIQRDMAERG HSLESIKASI EARKPDFDAF IDPQKQYADA VIEVLPTTLI PDDNEGKVLRL VRLIMKEGVK YFSPVYLFDE GSTISWIPCG RKLTCSTYPIG KFNYPDSYF DHEVSVLEMD GQFDRLDELI YVESHLSNLS TKFYGEVTQQ MLKHADFPQS NNGTGFLFQTI VGLKIRDLYE QLIANKATAR AEAKA
Source	E.coli
Target Names	At1g32060
Protein Names	Recommended name: Phosphoribulokinase, chloroplastic Short name= PRK Short name= PRKase EC= 2.7.1.19 Alternative name(s): Phosphopentokinase
Expression Region	47-395
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.