



Recombinant Arabidopsis thaliana Pyruvate, phosphate dikinase regulatory protein 2 (RP2)

Product Code	CSB-EP868155DOA-B
Abbreviation	RP2
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.	Q9MAC9
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MNLHGVS <code>GH</code> H EPNSEPPIPT GSSSPKLIKIS PKLNRWSRGR ALRSGVKLDR PIPRSDNSPR RQVTEAQPTD EADKKT <code>TAID</code> VEV <code>TAG</code> KSIY LVSDGTGWTA EHSVNAALGQ FEDFSLNRGS SVNTHLFSWV EDEERLIEII KQAAKEGAMC FYTLANPSMA KSAKQACDQL GVLSVDILGP IIEGIASHLG VSPSGLTRGA PGRVKTLNDA YFKR <code>IEAIEF</code> TIKQDDGTLP ENLSKADIVL VGVSRTGKTP LSTYIAQKGY KVANVPFVMG VEP <code>PRTL</code> FQV EPRKVFGLKI QLVVLQAIRR TRVKTLGVDT EAENNYSGID LVRKELDFAS RIYERNPGWA VIDVTNKAIE E <code>TAAVIL</code> R <code>LY</code> HDGRDTSTTV PRISKRY
Source	E.coli
Target Names	RP2
Protein Names	Recommended name: Pyruvate, phosphate dikinase regulatory protein 2 EC= 2.7.11.n1 Alternative name(s): Pyruvate, Pi dikinase regulatory protein 2 Short name= AtRP2 Short name= PPKD RP2 Short name= PPKD regulatory protei
Expression Region	1-377
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 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.