



Recombinant *Oryza sativa* subsp. *indica* Probable pyruvate, phosphate dikinase regulatory protein, chloroplastic (PDRP1)

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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-EP383738OFF |
| 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. | A2YM35 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. <i>indica</i> (Rice) |
| Purity | >85% (SDS-PAGE) |
| Sequence | A ALPSPGPDKE PEREAAGSGS GSATTPRSPA QLGSSQLHRW SRARHRSGR RLEWPTIRDR GSGGASSPPT PTRPHPSSDE AASAAKVAV EEEDGYGVVG RDEAAKSIYM VSDGTGWTAE HSVNAALGQF EHCLVDRGCA VNTHLFNGID DMDRLIEIVK QAAKEGALVL YTLADPSMAE ATKKACELWG VPSNDILRPT IEAIAHIGV APSGIPRSSP SRKGQLTEDY FRRIEIDFT IKQDDGAQPQ NLNRAHIVLV GVSRTGKTPL SIYLAQKGYK VANVPIVMGV NLPKSLFEID QDKIFGLTIN PVVLQAIRKA RAKTLGFHGG KSNYAEMEHV RGELDHANQI FAQHPIWPVI EVTGKAI EET AAVVVRIFHD RKQKCAMPRI SKRVAPIRIY DYLSEMVNTH VEYQKIFARD F |
| Source | E.coli |
| Target Names | PDRP1 |
| Protein Names | Recommended name: Probable pyruvate, phosphate dikinase regulatory protein, chloroplastic EC= 2.7.11.n1 EC= 2.7.4.n1 Alternative name(s): Bifunctional dikinase regulatory protein Short name= BFRP Pyruvate, Pi dikinase regu |
| Expression Region | 50-471 |
| 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, |



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