



Recombinant Escherichia coli Phosphoenolpyruvate carboxykinase [ATP] (pckA)

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|--------------------------|---|
| Product Code | CSB-YP541649ENT |
| 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. | B1X750 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain K12 / DH10B) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MRVNNGLTPQ ELEAYGISDV HDIVYNPSYD LLYQEELDPS LTGYERGVLT NLGAVAVDTG IFTGRSPKDK YIVRDDTTRD TFWWADKGGK KNDNKPLSPE TWQHLKGLVT RQLSGKRLFV VDAFCGANPD TRLSVRFITE VAWQAHFVKN MFIRPSDEEL AGFKPDFIVM NGAKCTNPQW KEQGLNSENF VAFNLTERMQ LIGGTWYGGG MKKGMFMMN YLLPLKGIAS MHCSANVGEK GDVAVFFGLS GTGKTTLSTD PKRRLIGDDE HGWDDDG VFN FEGGCYAKTI KLSKEAPEI YNAIRDALL ENVTVREDGT IDFDDGSKTE NTRVSYPIYH IDNIVKPVSK AGHATKVI FL TADAFGVLPP VSRLTADQTQ YHFLSGFTAK LAGTERGITE PTPTFSACFG AAFLSLHPTQ YAEVLVKRMQ AAGAQA YLVN TGWNGTGKRI SIKDTRAIID AILNGSLDNA ETFTLPMFNL AIPTELPGVD TKILDPRNTY ASPEQWQEKA ETLAKLFIDN FDKYTDTPAG AALVAAGPKL |
| Source | Yeast |
| Target Names | pckA |
| Protein Names | Recommended name: Phosphoenolpyruvate carboxykinase [ATP] Short name= PEP carboxykinase Short name= PEPCK EC= 4.1.1.49 Alternative name(s): Phosphoenolpyruvate carboxylase |
| Expression Region | 1-540 |
| 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. |



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