



Recombinant Phosphoenolpyruvate carboxykinase [ATP] (pckA)

Product Code	CSB-YP834792EOD
Abbreviation	pckA
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.	Q8X733
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MRVNNGLTPQ ELEAYGISDV HDIVYNPSYD LLYQEELDPS LTGYERGVLT NLGAVAVDTG IFTGRSPKDK YIVRDDTTRD TFWWADKGGK KNDNKPLSPE TWQHLKGLVT KQLSGKRLFV VDAFCGANPD TRLSVRFITE VAWQAHFVKN MFIRPSDEEL AGFKPDFIVM NGAKCTNPQW KEQGLNSEN F VAFNLTERMQ LIGGTWYGG E MKKGMFMMN YLLPLKGIAS MHCSANVSEK GDVAVFFGLS GTGKTTLSTD PKRRLIGDDE HGWDDDG VFN FEGGCYAKTI KLSKEAPEI YNAIRDALL ENVTVREDGT IDFDDGSKTE NTRVSYPIYH IDNIVKPVSK AGHATKVIFL TADAFGVLPV 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

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