



Recombinant Escherichia coli Phosphoenolpyruvate carboxykinase [ATP] (pckA)

Product Code	CSB-EP512608ENU
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.	C4ZUQ8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
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 HGWDDDGVFN FEGGCYAKTI KLSKEAPEI YNAIRDALL ENVTVREDGT IDFDDGSKTE NTRVSYPIYH IDNIVKPVSK AGHATKVIPL TADAFGVLPP VSRLTADQTQ YHFLSGFTAK LAGTERGITE PTPTFSACFG AAFLSLHPTQ YAEVLVKRMQ AAGAQAAYLVN TGWNGTGKRI SIKDTRAIID AILNGSLDNA ETFTLPMFNL AIPTELPGVD TKILDPRNTY ASPEQWQEKA ETLAKLFIDN FDKYTDTPAG AALVAAGPKL
Source	E.coli
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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