

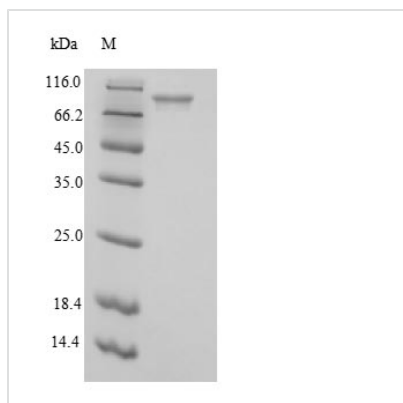


Recombinant Escherichia coli Phosphoenolpyruvate carboxylase (ppc), partial

Product Code	CSB-RP183374Ba
Relevance	Forms oxaloacetate, a four-carbon dicarboxylic acid source for the tricarboxylic acid cycle.
Abbreviation	Recombinant E.coli ppc protein, partial
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.	P00864
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	YSALRSNVSM LGKVLGETIKDALGEHILERVETIRKLSKSSRAGNDANRQELLT TLQNL SNDELLPVARAFSQFLNLANTAEQYHSISPKGEAASNPEVIARTLRKLLK NQPELSEDTIKKAVESLSLELVLTAHPTTEITRRTLHKMVEVNACLKQLDNKDIA DYEHNQLMRRLRQLIAQSWHTDEIRKLRPSPVDEAKWGFVAVVNSLWQGV NYLRELNEQLEENLGKLPVEFVPRFTSWMGGDRDGNPNVTADITRHVLLLS RWKATDLFLKDIQVLVSELSMVEATPELLALVGEEGAEPYRYLMKNLRSRLM ATQAWLEARLKGEELPKPEGLLTQNEELWEPLYACYQSLQACGMGIIANGDLL DTLRRVKCFGVPLVRIDIRQESTRHTEALGELTRYLGIGDYESWSEADKQAFI RELNSKRPLLPRNWQPSAETREVLDTQCQVIAEAPQGSIAAYVISM AKTPSDVLA VHLLLKEAGIGFAMPVAPL FETLDDLNNANDVMTQLLNIDWYRGLIQGKQMVM I GYSDSAKDAGVMAASWAQYQAQDALIKTCEKAGIELTLFHGRGGSIGRGGAP AHAALLSQPPGSLKGLRVTEQGEMIRFKYGLPEITVSSLSLYTGAILEANLLPP PEPKESWRRIMDELSVISCDVYRGYVRENKDFVYPFRSATPEQELGKLP LGSR PAKRRPTGGVESLRAIPWIFAWTQNRMLPAWLGAGTALQKVVEDGKQSELE AMCRDWPFFSTR LGMLEMVFAKADLWLA EYDQRLVDKALWPLGKELRN LQ EEDIKVVLA IANDSHLMADLPWIAESIQLRNIYTDPLNVLQAELLHRSRQAEKEG QEPDPRVEQALMVTIAGIAAGMRNTG
Research Area	Others
Source	E.coli
Target Names	ppc
Expression Region	5-883aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	102.6kDa

**Protein Length**

Partial

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.