

Recombinant Human PCK2 protein, His-tagged

Cat. No. PCK2-8087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCK2 aa. (Leu33~Val198) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu33~Val198
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>99%
Characteristic	The isoelectric point is 7.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200µg/mL

Storage Buffer

100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

PCK2 phosphoenolpyruvate carboxykinase 2, mitochondrial [Homo sapiens (human)]

Official Symbol

PCK2

Synonyms

PCK2; phosphoenolpyruvate carboxykinase 2, mitochondrial; PEPCK; PEPCK2; PEPCK-M; phosphoenolpyruvate carboxykinase [GTP], mitochondrial; PEP carboxykinase; phosphopyruvate carboxylase

Gene ID

5106

mRNA Refseq

NM_001018073.2

Protein Refseq

NP_001018083.2

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UniProt ID

Q16822

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