

Recombinant Mouse Pck1 protein, His & T7-tagged

Cat. No. Pck1-5639M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pck1 aa. (Ile312~Ala563 (Accession # Q9Z2V4)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile312~Ala563
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Pck1 phosphoenolpyruvate carboxykinase 1, cytosolic [Mus musculus (house mouse)]
Official Symbol	Pck1
Synonyms	Pck1; phosphoenolpyruvate carboxykinase 1, cytosolic; PEPCK; Pck-1; AI265463; phosphoenolpyruvate carboxykinase, cytosolic [GTP]; PEPCK-C; phosphoenolpyruvate carboxykinase, cytosolic; phosphoenolpyruvate carboxylase
Gene ID	18534
mRNA Refseq	NM_011044.2
Protein Refseq	NP_035174.1
UniProt ID	Q9Z2V4

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