

# Recombinant Human PCK2 Protein (His & GST Tag)

Catalog Number:PKSH030432



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

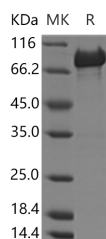
## Description

<b>Synonyms</b>	PEPCK;PEPCK-M;PEPCK2
<b>Species</b>	Human
<b>Expression Host</b>	Baculovirus-Insect Cells
<b>Sequence</b>	Leu33-Met640
<b>Accession</b>	NP_004554.3
<b>Calculated Molecular Weight</b>	94.9 kDa
<b>Tag</b>	N-His-GST

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 8.0 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

PCK2 (Phosphoenolpyruvate Carboxykinase 2, Mitochondrial) is a Protein Coding gene. Diseases associated with PCK2 include Pepck 1 Deficiency and Phosphoenolpyruvate Carboxykinase Deficiency, Mitochondrial. Among its related pathways are Glycosaminoglycan metabolism and DNA Damage Response (only ATM dependent). Gene Ontology (GO) annotations related to this gene include GTP binding and purine nucleotide binding. An important paralog of this gene is PCK1.

## For Research Use Only

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