

Datasheet for ABIN7197336

PEPCK Protein (GST tag,His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	PEPCK
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEPCK protein is labelled with GST tag,His tag.

Product Details

Purpose:	Recombinant Human PCK2 Protein (His & GST Tag)
Sequence:	Leu33-Met640
Characteristics:	A DNA sequence encoding the human PCK2 (NP_004554.3) (Leu33-Met640) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PEPCK
Alternative Name:	PCK2 (PEPCK Products)
Background:	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

Target Details

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.
Synonym: PEPCK,PEPCK-M,PEPCK2

Molecular Weight: 94.9 kDa

NCBI Accession: [NP_004554](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

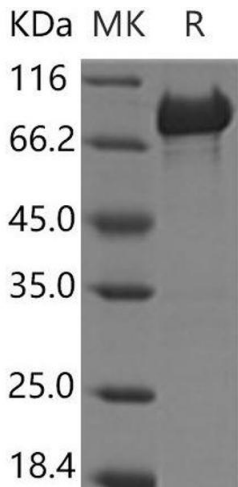
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 8.0

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.

Images



Western Blotting

Image 1.