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Datasheet for ABIN7505500

**PCK1 Protein (AA 1-135) (His tag)**

## Overview

Quantity:	100 µg
Target:	PCK1
Protein Characteristics:	AA 1-135
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCK1 protein is labelled with His tag.

## Product Details

Sequence:	Met 1-Lys 135
Characteristics:	A DNA sequence encoding the Rat PEPCK-C protein (P07379) (Met 1-Lys 135) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	PCK1
Alternative Name:	PEPCK-C ( <a href="#">PCK1 Products</a> )
Background:	<p>Background: PCK1 (Phosphoenolpyruvate carboxykinase 1, also PEPCK-C [cytosolic]) is a monomeric, 67-68 kDa member of the PEP carboxykinase family of enzymes. It is expressed in postnatal cells such as mammary epithelium, white and brown adipocytes, skeletal muscle</p> <p>Synonym: cytosolic [GTP],PCK1,PEP carboxykinase,PEPCK-C,PEPCKC,Phosphopyruvate</p>



## Target Details

	carboxylase
Molecular Weight:	14.74 kDa
UniProt:	<a href="#">P07379</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
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.
Expiry Date:	12 months