

Recombinant Human PCK2 Protein (His & GST Tag)

Catalog Number:PKSH030432



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

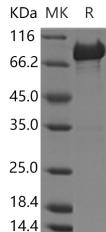
Description

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

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	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.

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