



Recombinant Protein Technical Manual
Recombinant Human PCK2 Protein (His & GST Tag)
RPES2178

Product Data:

Product SKU: RPES2178

Size: 50µg

Species: Human

Expression host: Baculovirus-Insect Cells

Uniprot: NP_004554.3

Protein Information:

Molecular Mass: 94.9 kDa

AP Molecular Mass:

Tag: N-His & GST

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice or dry ice.

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

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

Application:

Synonyms: PEPCK;PEPCK-M;PEPCK2

Immunogen Information:

Sequence: Leu33-Met640

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.