

Recombinant Rat PEPCK-C Protein (His Tag)

RPES9140

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES9140

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

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Rat

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Synonyms: PCK1, PEP carboxykinase, PEPCK-C, PEPCKC, Phosphopyruvate carboxylase, cytosolic [GTP]

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.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: N-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Not validated for activity

Calculated MW: 14.7 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Observed MW: 15 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: P07379

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Source: E.coli-derived Rat PEPCK-C protein Met1-Lys135, with an N-terminal His

Sequence: Met1-Lys135

Form: Lyophilized powder

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