

Recombinant Human AKT1/PKB/PKB α Protein (His Tag)

RPES3042

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: RPES3042

Purity: > 87 % as determined by reducing SDS-PAGE.

Contents: 50 μ g
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per μ g of the protein as determined by the LAL method.

Synonyms: AKT, CWS6, PKB, PKB-ALPHA, PRKBA, RAC, RAC-ALPHA

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: C-His

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

Expression Host: Baculovirus-Insect Cells

Bio-Activity: 1. No Kinase Activity 2. Measured by its ability to bind biotinylated human CD136 in a functional ELISA.

Calculated MW: 57.0 kDa

Formulation: Lyophilized from sterile 50mM Tris, 100mM NaCl, 3mM DTT, 0.5mM PMSF, 5% Glycerol, pH 8.0 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 57 kDa

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

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

Accession: NP_001014431.1

Source: Baculovirus-Insect Cells-derived Human AKT1/PKB/PKB α protein Met 1-Ala 480, with an C-terminal His

Sequence: Met 1-Ala 480

Form: Lyophilized powder

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

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