

Recombinant Human PRKG1 Protein (His Tag)

RPES0433

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: RPES0433

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

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: Subject to label value.

Species: Human

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

Synonyms: PRKG1, PRKG1B, PRKGR1A, PRKGR1B, cGK 1, cGK1, cGKI, cGMP-Dependent Protein Kinase 1, cGMP-Dependent Protein Kinase I

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Expression Host: HEK293 Cells

Bio-Activity: Not validated for activity

Calculated MW: 78.8 kDa

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 6% Sucrose, 4% Mannitol, 0.05% Tween 80, pH8.0.

Observed MW: 75 kDa

Reconstitution: -

Accession: Q13976-2

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

Source: HEK293 Cells-derived Human PRKG1 protein Gly2-Pro686, with an C-terminal His

Sequence: Gly2-Pro686

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

Form: Liquid