

Recombinant Human CAMK1D Protein (GST Tag)

RPES1631

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: RPES1631

Purity: > 80 % as determined by reducing SDS-PAGE.

Contents: 50µg
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: CAMK1D, CKLiK, CaM kinase I delta, CaM-K1, CaMK1 delta, CaMKI-like protein kinase, Calcium/calmodulin-dependent protein kinase type 1D

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

Tag: N-GST

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: Baculovirus-Insect Cells

Bio-Activity: The specific activity was determined to be 70 nmol/min/mg using Autocamtide-2 synthetic peptide (KKALRRQETVDAL-amide) as substrate.

Calculated MW: 69.0 kDa

Formulation: Supplied as sterile solution of 50mM Tris, 100mM NaCl, 0.5mM Reduced Glutathione, pH 8.0

Observed MW: 60 kDa

Reconstitution: -

Accession: NP_705718.1

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: Baculovirus-Insect Cells-derived Human CAMK1D protein Met 1-Lys 385, with an N- terminal GST

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

Sequence: Met 1-Lys 385

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

Form: Liquid