

# Recombinant Mouse CDC2 Kinase/CDK1 Protein (His & GST Tag)

RPES1874

## Description

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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

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**SKU:** RPES1874

**Purity:** > 85 % as determined by reducing SDS-PAGE.

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

**Concentration:** Subject to label value.

**Species:** Mouse

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

**Synonyms:** CDC2<, Cdc2, Cdc2a, p34<

**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-His-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:** Kinase activity untested

**Calculated MW:** 61.9 kDa

**Formulation:** Supplied as sterile solution of 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0

**Observed MW:** 57 kDa

**Reconstitution:** -

**Accession:** P11440

**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 Mouse CDC2 Kinase/CDK1 protein Met1-Met297, with an N-terminal His & GST

**Sequence:** Met1-Met297

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

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

**Form:** Liquid