Recombinant Human GSK3B Protein (His Tag)

RPES2093

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: RPES2093

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

Species: Human

Synonyms: GSK3B

Tag: N-His

Expression Host: Baculovirus-Insect Cells

Calculated MW: 50.4 kDa

Observed MW: 44-48 kDa

Purity: > 90 % as determined by reducing SDS-PAGE.

Concentration: Subject to label value.

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

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

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.

Bio-Activity: 1. The specific activity was determined to be 45 nmol/min/mg using synthetic Phospho-Glycogen Synthase Peptide-2 (YRRAAVPPSPSLSRHSSPHQpSEDEEE) as substrate. 2. Immobilized His-GSK3B at 10 µg/ml (100 µl/well) can bind biotinylated human HG3C-CTNNB1, EC50 of biotinylated human HG3C-CTNNB1 is 0.15-0.35 µg/ml.

Formulation: Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 7.4, 25% glycerol, 0.5mM PMSF, 0.5mM EDTA

Reconstitution: -

Accession: NP_002084.2

Source: Baculovirus-Insect Cells-derived Human GSK3B protein Met 1-Thr 433, with an N- terminal His

Sequence: Met 1-Thr 433

Form: Liquid

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.