

Recombinant Mouse GSK3B Protein (His Tag)

RPES4332

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: RPES4332

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: 7330414F15Rik,
8430431H08Rik, C86142, GSK-3, GSK-
3beta, GSK3

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

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: 1. The specific activity was determined to be 61 nmol/min/mg using synthetic Phospho-Glycogen Synthase Peptide-2 (YRRAAVPPSPSLSRHSSPHQpSEDEEE) as substrate. 2. Immobilized His-mGSK3B 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.

Calculated MW: 49.0 kDa

Formulation: Supplied as sterile solution of 20mM Tris, 500mM NaCl, 25% glycerol, 0.2mM DTT, pH 7.4

Observed MW: 47 kDa

Reconstitution: -

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

Accession: Q9WV60

Source: Baculovirus-Insect Cells-derived Mouse GSK3B protein Met 1-Thr 420, with an N- terminal His

Sequence: Met 1-Thr 420

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.