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Product Information

DGKβ(DGKB)

Product Number: 12-102

Product description

Full-length human DGK β [1-803(end) amino acids of accession number NP_001337638.1] was expressed as N-terminal GST-fusion protein (118 kDa) using baculovirus expression system. GST-DGK β was purified by using glutathione sepharose chromatography.

Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.1% CHAPS, 1 mM DTT, 10% glycerol, pH 7.5

Storage and Handling:

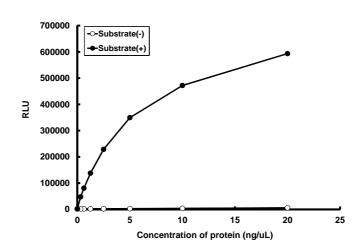
Store at -80C. Avoid repeating freeze-thaws.

SDS-PAGE

(kDa) 250 - 150 - 100 - 75 - 250 - 37 - 25 - 20 - 150 - 100 - 150 - 100 - 150 - 100 - 150 - 100 - 150 - 100 - 150 - 100 - 150 - 100

Purity: 67 % The purity was assessed by SDS-PAGE/CBB staining.

Activity data



The activity was determined by ADP-Glo™ Assay. The enzyme was incubated with Lipid substrate and Mg(or Mn)/ATP. The phosphorylation was detected by the ADP-Glo™ Kinase Assay technology (luminescent ADP detection assay).

Substrate: Diacylglycerol and Phosphatidylserine

ATP: $100 \mu M$