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# **Product Information**

# BTN-DGKα(DGKA)

Product Number: 12-401-20N

# **Product description**

Full-length human DGK $\alpha$  [1-735(end) amino acids of accession number NP\_958852.1] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (87 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.

# Storage buffer:

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

# Storage and Handling:

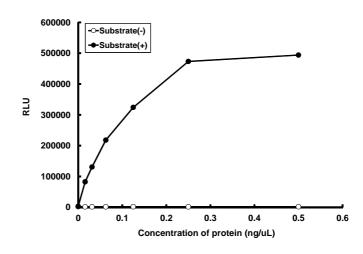
Store at -80C. Avoid repeating freeze-thaws.

### **SDS-PAGE**

# (kDa) 250 – 150 – 150 – 150 – 250 – 37 – 25 – 20 – 215 – 215 – 215 – 215 – 215 – 216 – 217 – 218 – 219 – 2

Purity: 92 %
The purity was assessed by SDS-PAGE/CBB staining.

# **Activity data**



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

Substrate: Diacylglycerol and Phosphatidylserine

ATP:  $100 \mu M$