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# **Product Information**

#### BTN-PIK3CG

Product Number: 11-404-20N

#### **Product description**

Full-length human PIK3CG[1-1102(end) amino acids of accession number NP\_002640.2] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (130 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.

### Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.01% Brij35, 1 mM DTT, 10% glycerol, pH7.5

#### Storage and Handling:

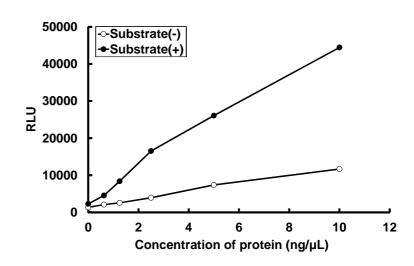
Store at -80C. Avoid repeating freeze-thaws.

#### **SDS-PAGE**

#### (kDa) 250 -150 -100 -75 -50 -37 -25 -20 -10 -21 -22 -25 -20 -21 -21 -22 -21 -21 -22 -23 -24 -25 -26 -27 -28 -29 -20

# Purity: 94 % 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: PI(4,5)P2 and Phosphatidylserine

ATP:  $100 \mu M$