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# **Product Information**

### BTN-PIK3CA/PIK3R1

Product Number: 11-401-20N

### **Product description**

Full-length human PIK3CA[1-1068(end) amino acids of accession number NP\_006209.2] was coexpressed as N-terminal DYKDDDDK tagged, biotinylated protein (128 kDa) with PIK3R1[1-724(end) amino acids of accession number NP\_852664.1] 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:

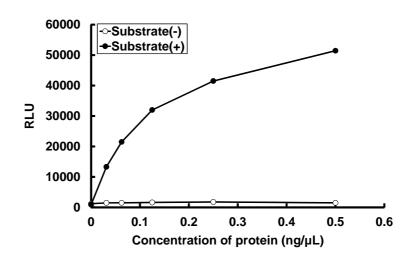
Store at -80C. Avoid repeating freeze-thaws.

### SDS-PAGE

# WW Marker WWW Marker WWW Warker WW WARKER WWW WARK

# Purity: 89 % 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:  $100 \text{ }_{\text{uM}}$