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# **Product Information**

### PIK3CB/PIK3R1

Product Number: 11-102

#### **Product description**

Full-length human PIK3CB[1-1070(end) amino acids of accession number NP\_006210.1] was co-expressed as N-terminal GST-fusion protein (150 kDa) with PIK3R1[1-724(end) amino acids of accession number NP\_852664.1] using baculovirus expression system. GST-PIK3CB/PIK3R1 was purified by using glutathione sepharose chromatography.

## Storage buffer:

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

#### Storage and Handling:

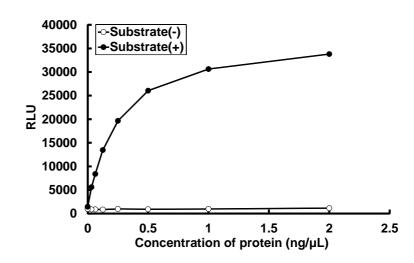
Store at -80C. Avoid repeating freeze-thaws.

#### **SDS-PAGE**

# PIK3CB/PIK3R1 (1ug) **MW Marker** (kDa) 250 150 -PIK3CB purity 53% 100 -PIK3R1 75 purity 37% 50 . 37 -20 -15 -10 -

# Purity: 90 % 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:  $100 \text{ }_{\text{uM}}$