

# Active Recombinant Full Length Human PIK3CA Protein, DDK-tagged, Biotinylated

Cat. No. PIK3CA-4827HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Full-length human PIK3CA[1-1068(end) amino acids of accession number NP_006209.2] was co- expressed 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.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	1-1068(end)
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.01% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Bio-activity</b>	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).
<b>Purity</b>	89%
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Store at -80C. Avoid repeating freeze-thaws.

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**Conjugation**                      Biotin

## GENE INFORMATION

**Gene Name**                      phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha

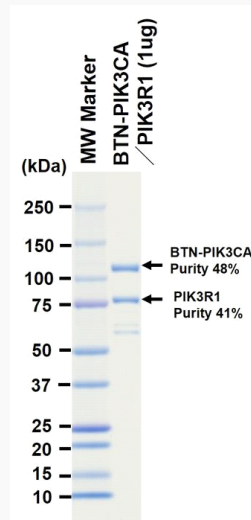
**Official Symbol**                PIK3CA

**Synonyms**                      PIK3CA;CLAPO;CLOVE;CWS5;MCAP;MCM;MCMTC;PI3K;PI3K-alpha;p110-alpha

**Protein Refseq**                [NP\\_006209.2](#)

**UniProt ID**                      [P42336](#)

## SDS-PAGE

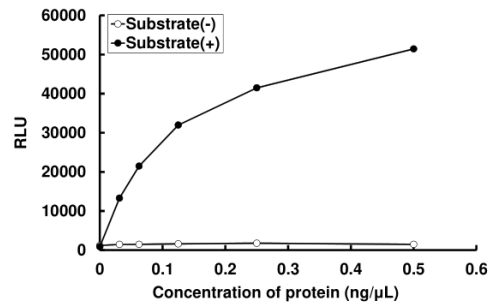


The purity was assessed by SDS-PAGE/CBB staining.

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**Activity data****Activity data**

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