Active Recombinant Full Length Human PIK3CB Protein, GST-tagged

Cat. No. PIK3CB-2278HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	Sf21 Cells
ProteinLength	1-1070(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.01% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	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).
Purity	90%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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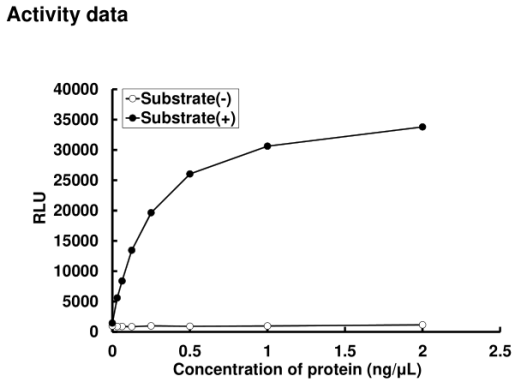
GENE INFORMATION

Gene Name	phosphoinositide-3-kinase, catalytic, beta polypeptide
Official Symbol	PIK3CB
Synonyms	PIK3CB;P110BETA;PI3K;PI3KBETA;PIK3C1;phosphatidylinositol-4;5-bisphosphate;3-kinase;catalytic;subunit;beta;phosphoinositide-3-kinase;catalytic;beta;polypeptide
Protein Refseq	NP_006210.1
UniProt ID	P42338
Activity data	

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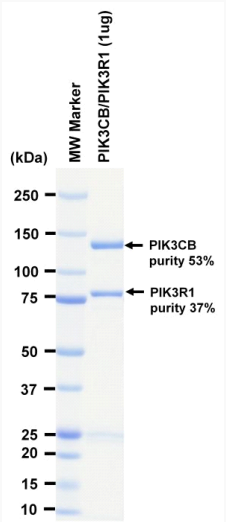
SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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