

Active Recombinant Full Length Human PIK3CD Protein, GST-tagged

Cat. No. PIK3CD-8212HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human PIK3CD[1-1044(end) amino acids of accession number CAA71149.2] was co- expressed as N-terminal GST-fusion protein (147 kDa) with PIK3R1[1-724(end) amino acids of accession number NP_852664.1] using baculovirus expression system. GST-PIK3CD/PIK3R1 (83kDa) was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-1044(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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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

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

Official Symbol PIK3CD

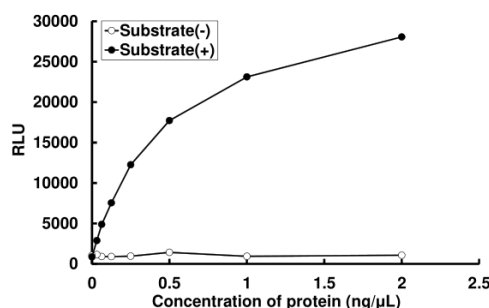
Synonyms PIK3CD;APDS;IMD14;P110DELTA;PI3K;p110D;phosphatidylinositol;3-kinase;catalytic;delta;polypeptide;phosphoinositide-3-kinase;C

Protein Refseq [CAA71149.2](#)

UniProt ID [O00329](#)

Activity data

Activity data



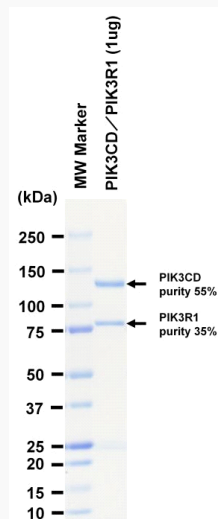
The activity was determined by ADP-Glo™ Assay. The enzyme was incubated with Lipid substrate and Mg(or Mn)/ATP. The phosphorylation was detected by the ADP-Glo™ Kinase Assay technology (luminescent ADP detection assay).

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SDS-PAGE



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

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