

## Recombinant Human PI4KB Protein (G2-M816), Tag Free

Cat. No. PI4KB-0820H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GG-PI4KB(G2-M816 end) Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	G2-M816
<b>Description</b>	Phosphorylates phosphatidylinositol (PI) in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate (PIP). May regulate Golgi disintegration/reorganization during mitosis, possibly via its phosphorylation. Involved in Golgi-to-plasma membrane trafficking.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Storage Buffer** Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** PI4KB phosphatidylinositol 4-kinase, catalytic, beta [ Homo sapiens (human) ]

**Official Symbol** PI4KB

**Synonyms**

PI4KB; phosphatidylinositol 4-kinase, catalytic, beta; PIK4CB; phosphatidylinositol 4-kinase beta; PI4K BETA; pi4K92; PtdIns 4-kinase beta; type III phosphatidylinositol 4-kinase beta; phosphatidylinositol 4-kinase, wortmannin-sensitive; NPIK; PI4K92; PI4KBETA; PI4K-BETA; PI4KIIIBETA; FLJ30129; DKFZp686O1820;

**Gene ID** 5298

**mRNA Refseq** NM\_001198773

**Protein Refseq** NP\_001185702

**MIM** 602758

**UniProt ID** Q9UBF8

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