

Recombinant Human PI4K2A protein, GST-tagged

Cat. No. PI4K2A-1075 Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PI4K2A (C-106aa)fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	C-106aa
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~79 kDa
Purity	>95 %
Applications	Kinase Assay, Western Blot
Stability	1 yr at -70 centigrade from date of shipment
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping

Product shipped on dry ice

GENE INFORMATION
Gene Name

PI4K2A phosphatidylinositol 4-kinase type 2 alpha [Homo sapiens]

Official Symbol

PI4K2A

Synonyms

PI4K2A; phosphatidylinositol 4-kinase type 2 alpha; phosphatidylinositol 4-kinase type 2-alpha; DKFZP761G1923; PI4KII; PIK42A; phosphatidylinositol 4-kinase type II-alpha; phosphatidylinositol 4-kinase type II (PI4KII); RP11-548K23.6; DKFZp761G1923;

Gene ID

55361

mRNA Refseq

NM_018425

Protein Refseq

NP_060895

MIM

609763

UniProt ID

Q9BTU6

**Chromosome
Location**

10q24

Pathway

3-phosphoinositide biosynthesis, organism-specific biosystem; 3-phosphoinositide biosynthesis, conserved biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; D-myo-inositol (1,4,5)-trisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,4,5)-trisphosphate biosynthesis, conserved biosystem; Inositol phosphate metabolism, organism-specific biosystem; Inositol

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phosphate metabolism, conserved biosystem;

Function

1-phosphatidylinositol 4-kinase activity; ATP binding; kinase activity; magnesium ion binding; nucleotide binding; transferase activity;

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