

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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