

Recombinant Human PI4K2A, His-tagged

Cat. No. PI4K2A-1698H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PI4K2A protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	131-479aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

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;

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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 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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