

## Recombinant Human PI4K2B, His-tagged

Cat. No. PI4K2B-1699H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PI4K2B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	132-481aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PI4K2B phosphatidylinositol 4-kinase type 2 beta [ Homo sapiens ]
<b>Official Symbol</b>	PI4K2B
<b>Synonyms</b>	PI4K2B; phosphatidylinositol 4-kinase type 2 beta; phosphatidylinositol 4-kinase type 2-beta; FLJ11105; PI4KIIB; PIK42B; PI4KII-BETA; phosphatidylinositol 4-kinase type II-beta; phosphatidylinositol 4-kinase type-II beta;

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<b>Gene ID</b>	55300
<b>mRNA Refseq</b>	NM_018323
<b>Protein Refseq</b>	NP_060793
<b>MIM</b>	612101
<b>UniProt ID</b>	Q8TCG2
<b>Chromosome Location</b>	4p15.31
<b>Pathway</b>	3-phosphoinositide biosynthesis, organism-specific biosystem; 3-phosphoinositide biosynthesis, conserved 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; Inositol phosphate metabolism, PI=>
<b>Function</b>	1-phosphatidylinositol 4-kinase activity; ATP binding; kinase activity; nucleotide binding; transferase activity;

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