

Recombinant Human PI4K2B, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PI4K2B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	132-481aa
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	PI4K2B phosphatidylinositol 4-kinase type 2 beta [Homo sapiens]
Official Symbol	PI4K2B
Synonyms	PI4K2B; phosphatidylinositol 4-kinase type 2 beta; phosphatidylinositol 4-kinase type 2-beta; FLJ111105; PI4K1IB; PIK42B; PI4KII-BETA; phosphatidylinositol 4-kinase type II-beta; phosphatidylinositol 4-kinase type-II beta;

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Gene ID	55300
mRNA Refseq	NM_018323
Protein Refseq	NP_060793
MIM	612101
UniProt ID	Q8TCG2
Chromosome Location	4p15.31
Pathway	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=>
Function	1-phosphatidylinositol 4-kinase activity; ATP binding; kinase activity; nucleotide binding; transferase activity;