

Recombinant Human PIP4K2B, GST-tagged

Cat. No. PIP4K2B-1725H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIP4K2B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-281aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PIP4K2B phosphatidylinositol-5-phosphate 4-kinase, type II, beta [Homo sapiens]
Official Symbol	PIP4K2B
Synonyms	PIP4K2B; phosphatidylinositol-5-phosphate 4-kinase, type II, beta; phosphatidylinositol 4 phosphate 5 kinase, type II, beta , PIP5K2B; phosphatidylinositol-5-phosphate 4-kinase type-2 beta; PIP5KIIB; PIP5KIIBeta; PIP4KII-beta; PTDINS(4)P-5-kinase; PI(5)P 4-kinase type II beta; diphosphoinositide

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	kinase 2-beta; ptdIns(5)P-4-kinase isoform 2-beta; 1-phosphatidylinositol-4-phosphate kinase; 1-phosphatidylinositol-5-phosphate 4-kinase 2-beta; phosphatidylinositol-4-phosphate 5-kinase, type II, beta; PI5P4KB; PIP5K2B;
Gene ID	8396
mRNA Refseq	NM_003559
Protein Refseq	NP_003550
MIM	603261
UniProt ID	P78356
Chromosome Location	17q21.2
Pathway	3-phosphoinositide biosynthesis, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; D-myo-inositol (1,4,5)-trisphosphate biosynthesis, organism-specific biosystem; Inositol phosphate metabolism, organism-specific biosystem; Inositol phosphate metabolism, conserved biosystem; Phosphatidylinositol signaling system, organism-specific biosystem; Phosphatidylinositol signaling system, conserved biosystem;
Function	1-phosphatidylinositol-4-phosphate 5-kinase activity; 1-phosphatidylinositol-5-phosphate 4-kinase activity; ATP binding; nucleotide binding; receptor signaling protein activity; transferase activity;