

Recombinant Human PIP5K1C protein, His-tagged

Cat. No. PIP5K1C-3794H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIP5K1C protein(480 - 573 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	480 - 573 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MIPSEREEAQYDLRGARSYPTLEDEGRPDLLPCTPPSFEEATTASIATLSSTLSIPE RSPSETSEQPRYRRRTQSSGQDGRPQEEPPAEEDLQ
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [PIP5K1C phosphatidylinositol-4-phosphate 5-kinase, type I, gamma \[Homo sapiens \]](#)

Official Symbol [PIP5K1C](#)

Synonyms

PIP5K1C; phosphatidylinositol-4-phosphate 5-kinase, type I, gamma;
phosphatidylinositol-4-phosphate 5-kinase type-1 gamma; KIAA0589; LCCS3;
PIP5Kgamma; PIP5K1-gamma; type I PIP kinase; diphosphoinositide kinase;
ptdIns(4)P-5-kinase 1 gamma; Human homolog of mouse phosphatidylinositol-4-
phosphate 5-kinase I-gamma; PIPKIg_v4; PIP5K-GAMMA;

Gene ID [23396](#)

mRNA Refseq [NM_001195733](#)

Protein Refseq [NP_001182662](#)

MIM [606102](#)

UniProt ID [O60331](#)

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