Recombinant Human PIP5K1A, GST-tagged

Cat. No. PIP5K1A-1727H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIP5K1A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	151-500aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	PIP5K1A phosphatidylinositol-4-phosphate 5-kinase, type I, alpha [Homo sapiens]
Official Symbol	PIP5K1A
Synonyms	PIP5K1A; phosphatidylinositol-4-phosphate 5-kinase, type I, alpha; phosphatidylinositol-4-phosphate 5-kinase type-1 alpha; PIP5KIalpha; PIP5K1-alpha; ptdIns(4)P-5-kinase 1 alpha; 68 kDa type I phosphatidylinositol-4-phosphate 5-kinase alpha;

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Gene ID	8394
mRNA Refseq	NM_001135636
Protein Refseq	NP_001129108
MIM	603275
UniProt ID	Q99755
Chromosome Location	1q21.3
Pathway	3-phosphoinositide biosynthesis, organism-specific biosystem; 3-phosphoinositide biosynthesis, conserved biosystem; Arf1 pathway, organism-specific biosystem; Arf6 downstream pathway, organism-specific biosystem; B Cell Receptor 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;
Function	1-phosphatidylinositol-4-phosphate 5-kinase activity; 1-phosphatidylinositol-4-phosphate 5-kinase activity; ATP binding; kinase binding; nucleotide binding; protein binding; transferase activity;

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