

PIP4K2A 抗原（重组蛋白）

中文名称：PIP4K2A 抗原（重组蛋白）

英文名称：PIP4K2A Antigen (Recombinant Protein)

别名：PIPK; PI5P4KA; PIP5K2A; PIP5KIIA; PIP5KII-alpha

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human PIP4K2A

技术规格：

Full name:	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
Synonyms:	PIPK; PI5P4KA; PIP5K2A; PIP5KIIA; PIP5KII-alpha
Swissprot:	P48426
Gene Accession:	BC018034
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Phosphatidylinositol-5,4-bisphosphate, the precursor to second messengers of the phosphoinositide signal transduction pathways, is thought to be involved in the regulation of secretion, cell proliferation, differentiation, and motility. The protein encoded by this gene is one of a family of enzymes capable of catalyzing the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. The amino acid se

quence of this enzyme does not show homology to other kinases, but the recombinant protein does exhibit kinase activity. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family.