

Recombinant Human PIP4K2A

Catalog No: #GP11222



Package Size: #GP11222-1 100ug

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Description

Product Name	Recombinant Human PIP4K2A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
Target Name	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
Other Names	PIPK; PI5P4KA; PIP5K2A; PIP5KI1A; PIP5KI1-alpha
Accession No.	Swissprot:P48426Gene Accession:BC018034
Uniprot	P48426
GenID	5305;
Storage	-20~-80°C, pH 7.6 PBS

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 sequence 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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