

Recombinant Human PIP4K2C Protein (A2-A421), Tag Free

Cat. No. PIP4K2C-0812H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-PIP4K2C(A2-A421 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	A2-A421
Description	Phosphatidylinositol 5-phosphate 4-kinase with low enzymatic activity. May be a GTP sensor, has higher GTP-dependent kinase activity than ATP-dependent kinase activity. PIP4Ks negatively regulate insulin signaling through a catalytic-independent mechanism. They interact with PIP5Ks and suppress PIP5K-mediated PtdIns(4,5)P2 synthesis and insulin-dependent conversion to PtdIns(3,4,5)P3.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name PIP4K2C phosphatidylinositol-5-phosphate 4-kinase, type II, gamma [Homo sapiens (human)]

Official Symbol PIP4K2C

Synonyms PIP4K2C; phosphatidylinositol-5-phosphate 4-kinase, type II, gamma; phosphatidylinositol 4 phosphate 5 kinase, type II, gamma, PIP5K2C; phosphatidylinositol-5-phosphate 4-kinase type-2 gamma; FLJ22055; PIP4KII-gamma; PI(5)P 4-kinase type II gamma; phosphatidylinositol 4-phosphate 5-kinase; phosphatidylinositol-4-phosphate 5-kinase, type II, gamma; PIP5K2C;

Gene ID 79837

mRNA Refseq NM_001146258

Protein Refseq NP_001139730

UniProt ID Q8TBX8

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