

PIP4K2C recombinant protein

PIP4K2C, Active

CATALOG # AAA73090	HOST Sf9 insect cells using baculovirus	APPLICATIONS Kinase Assay
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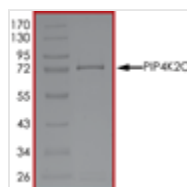
PRODUCT SYNONYMS

PIP4K2C; Active; PIP4K2C recombinant protein

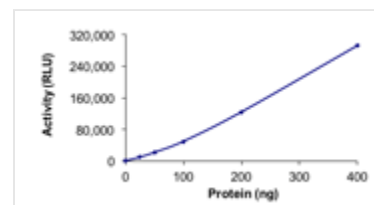
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full length
Sequence Length	2937
Applicable Applications for PIP4K2C recombinant protein	Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for PIP4K2C recombinant protein	Description: Recombinant full-length human PIP4K2C was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: PIP4K2C (also known as phosphatidylinositol-5-phosphate 4-kinase, type II, gamma) is a member of the PIP kinase family that plays an important role in a wide variety of cell functions (1). PIP4K2C is found in the cytosol and surrounding plasma membrane and its presence in the endoplasmic reticulum seems to be a prerequisite for PIP2 synthesis. PIP4K2C play an important role in the production of phosphatidylinositol biphosphate (PIP2) in the endoplasmic reticulum (2).
Product Categories/Family for PIP4K2C recombinant protein	Enzymes; Active Lipid Kinases

References	1. Heck JN. et.al: A conspicuous connection: structure defines function for the phosphatidylinositol-phosphate kinase family. Crit. Rev. Biochem. Mol. Biol. 2007 42:15-3. 2. Kanaho Y. et.al: The phosphoinositide kinase PIP5K that produces the versatile signaling phospholipid PI4,5P (2) Biol. Pharm. Bull. 2007 30:1605-9.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34783395
NCBI GeneID	79837
Molecular Weight	75 kDa
NCBI Official Full Name	Homo sapiens phosphatidylinositol-5-phosphate 4-kinase, type II, gamma, mRNA
NCBI Official Synonym Full Names	phosphatidylinositol-5-phosphate 4-kinase type 2 gamma
NCBI Official Symbol	PIP4K2C
NCBI Official Synonym Symbols	PIP5K2C
NCBI Protein Information	phosphatidylinositol 5-phosphate 4-kinase type-2 gamma
UniProt Protein Name	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma
UniProt Gene Name	PIP4K2C
UniProt Synonym Gene Names	PIP5K2C; PI(5)P 4-kinase type II gamma; PIP4KII-gamma

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/pip4k2c-recombinant-protein-sf9-kinase-assay/73090>