

PIP4K2A recombinant protein

PIP4K2A, Active

CATALOG # AAA73088	HOST Sf9 insect cells using baculovirus	APPLICATIONS Kinase Assay
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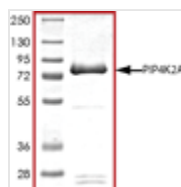
PRODUCT SYNONYMS

PIP4K2A; Active; PIP4K2A recombinant protein

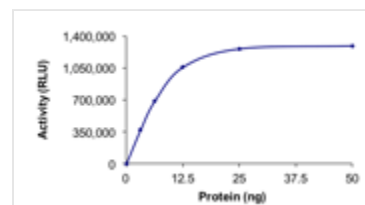
PRODUCT SPECIFICATIONS

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	3833
Applicable Applications for PIP4K2A 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 PIP4K2A recombinant protein	Description: Recombinant full-length human PIP4K2A was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: PIP4K2A or phosphatidylinositol-5-phosphate 4-kinase, type II, alpha, is a member of the phosphatidylinositol-5-phosphate 4-kinase family that catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form
Product Categories/Family for PIP4K2A recombinant protein	Enzymes; Active Lipid Kinases

References	1. Boronenkov, I V. et.al: The sequence of phosphatidylinositol-4-phosphate 5-kinase defines a novel family of lipid kinases. J. Biol. Chem. 270: 2881-2884, 1995. 2. Rameh, L E.et.al: A new pathway for synthesis of phosphatidylinositol-4,5-bisphosphate. Nature 390: 192-196, 1997.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156416001
NCBI GeneID	5305
NCBI Accession #	NM_005028.4
NCBI GenBank Nucleotide #	NM_005028
UniProt Accession #	P48426; P53807; Q5VUX3; B0YJ66; B4DGX2; D3DRV1
Molecular Weight	76 kDa
NCBI Official Full Name	Homo sapiens phosphatidylinositol-5-phosphate 4-kinase type 2 alpha (PIP4K2A), transcript variant 1, mRNA
NCBI Official Synonym Full Names	phosphatidylinositol-5-phosphate 4-kinase type 2 alpha
NCBI Official Symbol	PIP4K2A
NCBI Official Synonym Symbols	PIPK; PI5P4KA; PIP5K2A; PIP5KIIA; PIP5KII-alpha
NCBI Protein Information	phosphatidylinositol 5-phosphate 4-kinase type-2 alpha
UniProt Protein Name	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha
UniProt Gene Name	PIP4K2A
UniProt Synonym Gene Names	PIP5K2; PIP5K2A; PI(5)P 4-kinase type II alpha; PIP4KII-alpha

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.