

PIP5K3 (Human) Cell-Based ELISA Kit

Catalog # KA5622 Size 1 Kit

Specification

Product Description	PIP5K3 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of PIP5K3 expression in cultured cells.
Suitable Sample	Adherent cells, Suspension cells and Loosely attached cells
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulatory Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — PIP5K3

Entrez GeneID	200576
Gene Name	PIP5K3
Gene Alias	CFD, FAB1, KIAA0981, MGC40423, PIKFYVE, PIP5K
Gene Description	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III
Omim ID	121850 609414

Gene Ontology

[Hyperlink](#)

Gene Summary

PIP5K3 belongs to a large family of lipid kinases that alter the phosphorylation status of intracellular phosphatidylinositol. Signaling by phosphorylated species of phosphatidylinositol regulates diverse cellular processes, including membrane trafficking and cytoskeletal reorganization (Shisheva et al., 1999 [PubMed 9858586]).[supplied by OMIM]

Other Designations

1-phosphatidylinositol-4-phosphate 5-kinase|FYVE finger-containing phosphoinositide kinase|OTTHUMP00000163872|PtdIns(4)P-5-kinase|phosphatidylinositol-3-phosphate 5-kinase type III|phosphatidylinositol-4-phosphate 5-kinase, type III

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Tobacco Use Disorder](#)