# PIP5K3 (Human) Cell-Based ELISA Kit

Catalog # KA5622 Size 1 Kit

## Specification

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| **Product Description** | PIP5K3 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination 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

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| **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 |

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| **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

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