

Bioactive

Full-Length

PIP4K2C (Human) Recombinant Protein

Catalog # P6573

Size 5 ug

Applications

Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human PIP4K2C (NP_079055, 1 a.a. - 421 a.a.) full length recombinant protein with GST-tag at N-terminal using baculovirus expression system.
Host	Viruses
Form	Liquid
Preparation Method	Baculovirus expression system.
Purification	Glutathione sepharose chromatography.
Purity	0.92
Activity	The activity was determined by ADP-Glo Assay. The enzyme was incubated with Lipid substrate and Mn/ATP. The phosphorylation was detected by the ADP-Glo Kinase Assay technology (luminescent ADP detection assay). Substrate: PI (5) P and Phosphatidylserine, ATP: 100 uM.
Quality Control Testing	The purity was assessed by SDS-PAGE/CBB staining.
Storage Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Storage Instruction	Stored at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Result of activity analysis
Result of activity analysis

Applications

- Functional Study

Gene Info — PIP4K2C

Entrez GeneID [79837](#)

Protein Accession# [NP_079055](#)

Gene Name PIP4K2C

Gene Alias FLJ22055, PIP5K2C

Gene Description phosphatidylinositol-5-phosphate 4-kinase, type II, gamma

Gene Ontology [Hyperlink](#)

Gene Summary type II

Other Designations phosphatidylinositol-4-phosphate 5-kinase, type II, gamma

Pathway

- [Inositol phosphate metabolism](#)
- [Phosphatidylinositol signaling system](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Arthritis](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)