

Bioactive

Full-Length

PIP5KL1 (Human) Recombinant Protein

Catalog # P6577

Size 5 ug

Applications

Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human PIP5KL1 (NP_001128691.1, 1 a.a. - 394 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	0.87
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 (4) 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

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Applications

- Functional Study

Gene Info — PIP5KL1

Entrez GeneID [138429](#)**Protein Accession#** [NP_001128691.1](#)**Gene Name** PIP5KL1**Gene Alias** MGC46424, PIPKH, bA203J24.5**Gene Description** phosphatidylinositol-4-phosphate 5-kinase-like 1**Gene Ontology** [Hyperlink](#)

Gene Summary PIP5KL1 is a phosphoinositide kinase-like protein that lacks intrinsic lipid kinase activity but associates with type I PIPKs (see PIP5K1A; MIM 603275) and may play a role in localization of PIPK activity (Chang et al., 2004 [PubMed 14701839]).[supplied by OMIM]

Other Designations phosphatidylinositol phosphate kinase homolog