Active Recombinant Full Length Human PIP5K1B Protein, GST-tagged

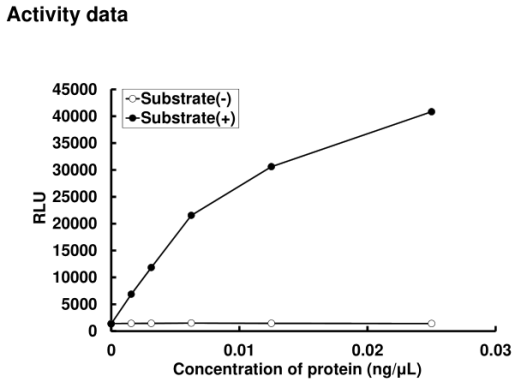
Cat. No. PIP5K1B-8297HF **Lot. No.** (See product label)

SPECIFICATION

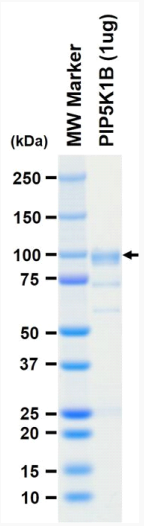
Product Overview	Full-length human PIP5K1B [1-540(end) amino acids of accession number NP_003549.1] was expressed as N-terminal GST-fusion protein (88 kDa) using baculovirus expression system. GST-PIP5K1B was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-540(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.01% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was determined by ADP-Glo™ Assay. The enzyme was incubated with Lipid substrate and Mg(or Mn)/ATP. The phosphorylation was detected by the ADP-Glo™ Kinase Assay technology (luminescent ADP detection assay).
Purity	68%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

GENE INFORMATION

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Gene Name	phosphatidylinositol-4-phosphate 5-kinase type 1 beta
Official Symbol	PIP5K1B
Synonyms	PIP5K1B;MSS4;STM7
Protein Refseq	NP_003549.1
UniProt ID	O14986
Activity data	 The activity was determined by ADP-Glo™ Assay. The enzyme was incubated with Lipid substrate and Mg(or Mn)/ATP. The phosphorylation was detected by the ADP-Glo™ Kinase Assay technology (luminescent ADP detection assay).

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SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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