

# Active Recombinant Full Length Human PIP5K1B Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	1-540(end)
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.01% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Bio-activity</b>	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).
<b>Purity</b>	68%
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Store at -80C. Avoid repeating freeze-thaws.

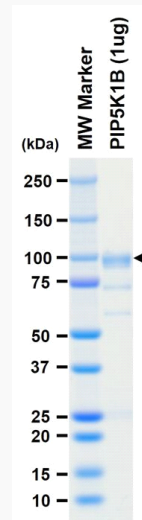
## GENE INFORMATION

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<b>Gene Name</b>	phosphatidylinositol-4-phosphate 5-kinase type 1 beta
<b>Official Symbol</b>	PIP5K1B
<b>Synonyms</b>	PIP5K1B;MSS4;STM7
<b>Protein Refseq</b>	<a href="#">NP_003549.1</a>
<b>UniProt ID</b>	<a href="#">O14986</a>

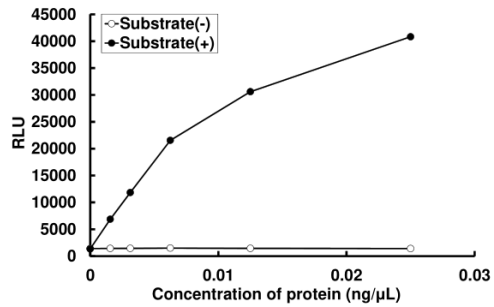
**SDS-PAGE**

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

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**Activity data**
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