

## Recombinant Mouse Pip5k1b protein

Cat. No. Pip5k1b-5093M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Pip5k1b protein(P70181)(1-539 aa) was expressed in Baculovirus.
<b>Species</b>	Mouse
<b>Source</b>	Baculovirus
<b>ProteinLength</b>	1-539 aa
<b>Form</b>	Tris/PBS-based buffer, 6% Trehalose.
<b>AASequence</b>	<p>MSSTAENGDA VPGKQNEEKT YKKTASSAIK GAIQLGIGYT VGNLTSKPER            DVLMQDFYVV ESVFLPSEGS NLTPAHHYPD FRFKTYAPLA FRYFRELFGI            KPDDYLYSIC SEPLIELSNP GASGSLFFLT SDDEFIIKTV QHKEAEFLQK            LLPGYMNLN QNPRTLLPKF YGLYCMQSGG INIRIVVMNN VLPRAMRMHL            TYDLKGSTYK RRASRKEREK PNPTFKDLDF LQDMHEGLYF DTETYNALMK            TLQRDCRVLE SFKIMDYSLL LGIHILDHSL KDKEEPLQN VPDAKRPGMQ            KVLYSTAMES IQGPGKSADG IIAENPDTMG GIPAKSHKGE KLLLFMGIID            ILQSYRLMKK LEHSWKALVY DGDTVSVHRP SFYADRFLKF MNSRVFKKIQ            ALKASPSKKR CNSIAALKAT SQEIVSSISQ EWKDEKRDLL TEGQSFSSLD            EEALGSRHRP DLVPSTPSLF EAASLATTIS SSSLYVGEHY PHDRRTLYSN            SKGLPSSSTF TLEEGTIYLT AEPNTLDLQD DASVLDVYL</p>
<b>Purity</b>	>85% (SDS-PAGE)

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name** [Pip5k1b phosphatidylinositol-4-phosphate 5-kinase, type 1 beta \[ Mus musculus \]](#)

**Official Symbol** [Pip5k1b](#)

**Synonyms** PIP5K1B; phosphatidylinositol-4-phosphate 5-kinase, type 1 beta; phosphatidylinositol 4-phosphate 5-kinase type-1 beta; PIP5KIbeta; PI4P5K-I[b]; PIP5K1-beta; PIP5KIalpha; ptdIns(4)P-5-kinase 1 beta; phosphatidylinositol 4-phosphate 5-kinase type I beta; phosphatidylinositol-4-phosphate 5-kinase type I beta; phosphatidylinositol-4-phosphate 5-kinase type-1 beta; phosphatidylinositol 4-phosphate 5-kinase type I alpha; phosphatidylinositol-4-phosphate 5-kinase type I alpha; STM7; Pipk5a; Pipk5b; Pip5k1a; AI844522;

**Gene ID** [18719](#)

**mRNA Refseq** [NM\\_008846](#)

**Protein Refseq** [NP\\_032872](#)

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