



# Recombinant Rat Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma (Pip5k1c)

<b>Product Code</b>	CSB-EP692208RA
<b>Abbreviation</b>	Pip5k1c
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5I6B8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MELEVPDEAE SAEAGAVTAE AAWSAESGAA AGMTQKKAIL AEAPLVTGQP GPGHGKKLGH RGVDASGETT YKKTTSSTLK GAIQLGIGYT VGNLSSKPER DVLMQDFYVV ESIFFPSEGS NLTPAHHFQD FRFKTYAPVA FRYFRELFGI RPDDYLYSLC NEPLIELSNP GASGSVFYVT SDDEFIIKTV MHKEAEFLQK LLPGYYMNLN QNPRTLTPKF YGLYCVQSGG KNIRVVMMNN VLPRVVKMHL KFDLKGSTYK RRASKKEKEK SLPTYKDLDF MQDMPEGLLL DSDFGALVK TLQRDCLVLE SFKIMDYSLL LGVHNIDQQE RERQAEGAQS KADEKRPVAQ KALYSTARES IQGGAARGEA IETDDTMGGI PAVNGRGERL LLHIGIIDIL QSYRFIKKLE HTWKALVHDG DTVSVHRPSF YAERFFKFMS STVFRKSSSL KSSPSKKGRG ALLAVKPLGP TAAFSASQIP SEREDVQYDL RGARSYPTLE DEGRPDLLPC TPPSFEEATT ASIATTLSSST SLSIPERSPS DTSEQPRYRR RTQSSGQDGR PQEELHAEDL QKITVQVEPV CGVGVVVPKE QGAGVEVPPS GASAAATVEV DAASQASEPA SQASDEEDAP STDIYFFAHG RYWLFSPPRR RLRAVTPSHT GAPTDGRSWV YSPLHYSARP ASDGESDT
<b>Source</b>	E.coli
<b>Target Names</b>	Pip5k1c
<b>Protein Names</b>	Recommended name: Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma Short name= PIP5K1-gamma Short name= PtdIns(4)P-5-kinase 1 gamma EC= 2.7.1.68 Alternative name(s): Phosphatidylinositol 4-phosphate 5-kinase type I gamma
<b>Expression Region</b>	1-688
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a member of the type I phosphatidylinositol-4-phosphate 5-kinase family of enzymes. A similar protein in mice is found in synapses and



focal adhesion plaques, and binds the FERM domain of talin through its C-terminus.

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**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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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