



# Recombinant Human Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma (PIP5K1C)

<b>Product Code</b>	CSB-BP018027HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O60331
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MELEVPDEAE SAEAGAVPSE AAWAAESGAA AGLAQKKAAP TEVLSMTAQP GPGHGKKLGH RGVDASGETT YKKTTSSTLK GAIQLGIGYT VGHLSKPER DVLMMQDFYVV ESIFFPSEGS NLTPAHHFQD FRFKTYAPVA FRYFRELFGI RPDDYLYSLC NEPLIELSNP GASGSLFYVT SDDEFIIKTV MHKEAEFLQK LLPGYYMNLN QNPRTLTPKF YGLYCVQSGG KNIRVVMMNN ILPRVVKMHL KFDLKGSTYK RRASKKEKEK SFPTYKDLDF MQDMPEGLLL DADTF SALVK TLQRDCLVLE SFKIMDYSLL LGVHNIDQHE RERQAQGAQS TSDEKRPVGG KALYSTAMES IQGGAARGEA IESDDTMGGI PAVNGRGERL LLHIGIIDIL QSYRFIKKLE HTWKALVHDG DTVSVHRPSF YAERFFKFMS NTVFRKNSSL KSSPSKKGRG GALLAVKPLG PTAAFSASQI PSEREEAQYD LRGARSYPTL EDEGRDLLP CTPPSFEEAT TASIATTLSS TSLSIPERSP SETSEQPRYR RRTQSSGQDG RPQEEPPAEE DLQQITVQVE PACSVEIVVP KEEDAGVEAS PAGASAAVEV ETASQASDEE GAPASQASDE EDAPATDIYF PTDEERSWVYS PLHYSAQAPP ASDGESDT
<b>Source</b>	Baculovirus
<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>	1-668
<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.
<b>Reconstitution</b>	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**

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.