



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

Product Code	CSB-EP018027HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60331
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MELEVPDEAE SAEAGAVPSE AAWAAESGAA AGLAQKKAAP TEVLSMTAQP GPGHGKKLGH RGVDASGETT YKKTTSSTLK GAIQLGIGYT VGHLSKPER DVLMQDFYVW ESIFFPSEGS NLTPAHHFQD FRFKTYAPVA FRYFRELFGI RPDDYLYSLC NEPLIELSNP GASGSLFYVT SDDEFIIKTV MHKEAEFLQK LLPGYYMNLN QNPRTLKPKF 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 TASIATLSS TSLSIPERSP SETSEQPRYR RRTQSSGQDG RPQEEPPAEE DLQQITVQVE PACSVEIVVP KEEDAGVEAS PAGASAAVEV ETASQASDEE GAPASQASDE EDAPATDIYF PTDEERSWVYS PLHYSAQAPP ASDGESDT
Source	E.coli
Target Names	PIP5K1C
Protein Names	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
Expression Region	1-668
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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.

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.