



Recombinant Mouse Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha (Pip5k1a)

Product Code	CSB-EP018025MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70182
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MASASSGPAA AGFSSLDAGA PAGTAAASGI KRATVSEGPS ASVMPVKKIG HRVDSSGET TYKKTSSAL KGAIQLGITH TVGSLSTKPE RDVLMQDFYV VESIFFPSEG SNLTPAHHYN DFRFKTYAPV AFRYFRELFG IRPDDYLYSL CSEPLIELSN SGASGSLFYV SSDDEFIIKT VQHKEAEFLQ KLLPGYYMNL NQNPRDLLPK FYGLYCVQAG GKNIRIVVMN NLLPRSVKMH MKYDLKGSTY KRRASQKERE KTLPTFKDLD FLQDIPDGLF LDADMYSALC KTLQRDCLVL QSFKIMDYSL LMSIHNDHA QREPTSNDTQ YSADTRRPAP QKALYSTAME SIQGEARRGG TVETEDHMGG IPARNNKGER LLLYIGIIDI LQSYRFVKKL EHSWKALVHD GDTVSVHRPG FYAERFQRFM CNTVFKKIPL KPSPTKKFRS GPSFSRRSGP SGNSCTSQLM ASGEHRAQVT TKAIEVPDVH LGRPDLVLPQT PPLEEISEGS PVPGPSFSPV VGQPLQILNL SSTLEKLDVA ESEFTH
Source	E.coli
Target Names	Pip5k1a
Protein Names	Recommended name: Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha Short name= PIP5K1-alpha Short name= PtdIns(4)P-5-kinase 1 alpha EC= 2.7.1.68 Alternative name(s): 68 kDa type I phosphatidylinositol 4-phosphate 5- kinas
Expression Region	1-546
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
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.