



Recombinant Mouse Inositol polyphosphate 5-phosphatase K (Inpp5k)

Product Code	CSB-EP805400MO
Abbreviation	Inpp5k
Storage	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.
Uniprot No.	Q8C5L6
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MQHGDRNTPG YREGIMSAVS LRRPSAPKGF ALSVHVVTWN VASAAPTVDL SDLLQLNNQD LNLDIYIIGL QEMNFGIISL LSDAAFEDPW SSLFMDMLSP LNFVKISQVR MQGLLLLVA KYQHLPYIQI ISTKSTPTGL YGYWGNKGGV NVCLKLYGYY VSIINCHLPP HMYNNDQRLE HFDRILES LT FEGYDVPNIL DHDLILWFGD MNFRIEDFGL LRVQESITRK YYKELWEKDQ LFIKKNDQL LREFQEGPLL FPPTYKFDRH SNNYDTSEKK RKPWTDRIL WRLKRQPSQA SPLASSVPTS YLLTLKNYV SHMAYSISDH KPVTGTFDLE LNPLMSVPLI TMMPEHLWTM ENDMLISYTS TPEFLSSSWD WIGLYKVGMR HINDYVAYVW VGDNQVSYGN NPNQVYINIS AIPDTEQFL LCYYSNNLHS VVGISQPFKI PIRSFLREDT LYEPEPQI
Source	E.coli
Target Names	Inpp5k
Protein Names	Recommended name: Inositol polyphosphate 5-phosphatase K EC= 3.1.3.56 Alternative name(s): Skeletal muscle and kidney-enriched inositol phosphatase
Expression Region	1-468
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 protein with 5-phosphatase activity toward polyphosphate inositol. The protein localizes to the cytosol in regions lacking actin stress fibers. It is thought that this protein may negatively regulate the actin cytoskeleton. Alternatively spliced transcript variants encoding different isoforms have been identified.
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

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