



# Recombinant Rat Inositol-pentakisphosphate 2-kinase (Ippk)

<b>Product Code</b>	CSB-EP715948RA-B
<b>Abbreviation</b>	Ippk
<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>	Q5PXE9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEEGKMDENE WSYHGEGNKS LVVAHAQRCV VLRFLKFPPN KKKTSEEILQ HLQNIIVDFGK NVMKDFLGEN YVHCGEVVQL PLEFVKQLCL KIQCERPESR CDKDLDTLSG YAMCLPNLTR LQTFPFAEHR PILCVEIKPK CGFIPFSNGV THEMKHKVCR YCMHQHLKVA TGKWKKISKY CPLDLYSGNK QRMHFALKSL LQEAQNNLRI FKNGELIYGC ADARSPVADL KALAHHLKPF FFPSNGLASG PQCTRAVIRE LVHVITRVLL STSDKGRAGA LRLGLQGARV CEASPF SRSL HHQGKNTPEH SGLPKGCLLY KTLQVQMLDQ LDIEGLYPLY NRVEQYLEEF PEERKTLQID GPYDEVFYQK LLDLSTEDDG TVAFALTKVQ QYRVAMTAKD CSIMIALSPC LQGASSDQRP VIPSSRSRLA FSVSVLDDL KPYESIPHQY KLDSKIVSYY SKTVHAKDDT VRSTRFKEHE DCTLVLHKV
<b>Source</b>	E.coli
<b>Target Names</b>	Ippk
<b>Protein Names</b>	Recommended name: Inositol-pentakisphosphate 2-kinase EC= 2.7.1.158 Alternative name(s): Inositol-1,3,4,5,6-pentakisphosphate 2-kinase Ins(1,3,4,5,6)P5 2-kinase Short name= InsP5 2-kinase Short name= rIPK1
<b>Expression Region</b>	1-489
<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>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.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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