



Recombinant Danio rerio Inositol-pentakisphosphate 2-kinase (ippk)

Product Code	CSB-EP678613DIL-B
Abbreviation	ippk
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.	Q4JL91
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	≥85% (SDS-PAGE)
Sequence	MELDKMDEND WKYHGEGNKS IVVSHLRHCQ VLRLKVPSE DSAHTRQTAE QTLRHILNIM DYSKHVMKPL LGEKYVHSGE VVRLPLDFLR QMSLKVQQR PELRCDKVMD TFSGCGLCPL DLTQLPLHHL RDHRPPICVE IKPKCGFLPF SRHMTKECKW KVCRFCMHQH YKLANGKWKR LSRYCPLDLF SGSKQRMVA LKNLLEEPQN NLKIFKGGEL IFCKDDAKQ QPDLNLIQH LRPYFPHTNG LYNGHQPGKV ILNEFIQVIC SALLSGGDSN RSGEPRKMHL SESKPHCEAS PFPRDLIRNG HHGLPKDSVL AKILQVQMLD NLDIEGIYPL YKRVEQYLEE FPKERIRLQI DGPYDES FMD TVKSCLNEDD GSVEYAIGKV HQYRVAMTAK DCSVMITFAP CEDEEHKLN LEKPRFTYSV SILDLDTKPY EGIPHQYKLD SKIVNYLRS TQAPPPSSLY KERQECTLLF HAV
Source	E.coli
Target Names	ippk
Protein Names	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
Expression Region	1-483
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.



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