



Recombinant Human Inositol-pentakisphosphate 2-kinase (IPPK)

Product Code	CSB-EP872520HU-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.	Q9H8X2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEEGKMDENE WGYHGEGNKS LVVAHAQRCV VLRFLKFPPN RKKTSEEIFQ HLQNI VDFGK NVMKEFLGEN YVHYGEVVQL PLEFVKQLCL KIQSERPESR CDKDLDTLSG YAMCLPNLTR LQTYRFAEHR PILCVEIKPK CGFIPFSSDV THEMKHKVCR YCMHQHLKVA TGKWKQISKY CPLDLYSGNK QRMHFALKSL LQEAQNNLKI FKNGELIYGC KDARSPVADW SELAHLKPF FFPSNGLASG PHCTRAVIRE LVHVITRVLL SGSDKGRAGT LSPGLGPQGP RVCEASPFPSR SLRCQGKNTPE RSGLPKGCL LYKTLQVQML DLLDIEGLYP LYNRVERYLE EFPEERKTLQ IDGPYDEAFY QKLLDLSTED DGTVAFALTK VQQYRVAMTA KDCSIMIALS PCLQDASSDQ RPVVPSSRSR FAFSVSVLDL DLKPYESIPH QYKLDGKIVN YYSKTVRAKD NAVMSTRFKE SEDCTLVLHK V
Source	E.coli
Target Names	IPPK
Protein Names	Recommended name: Inositol-pentakisphosphate 2-kinase EC= 2.7.1.158 Alternative name(s): IPK1 homolog 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	1-491
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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