



Recombinant Zea mays Inositol-tetrakisphosphate 1-kinase 1 (ITPK1)

Product Code	CSB-EP768030ZAX
Abbreviation	ITPK1
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.	Q84Y01
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	MASDAAAEPS SGVTHPPRYV IGYALAPKKQ QSFIQPSLVA QAASRGMDLV PVDASQPLAE QGPFHLLIHK LYGDDWRAQL VAFAARHPAV PIVDPPHAID RLHNRISMLQ VVSELDHAAD QDSTFGIPSQ VVYDAAALA DFGLLAALRF PLIAKPLVAD GTAKSHKMSL VYHREGLGKL RPPLVLQEFV NHGGVIFKVY VVGGHVTCVK RRLSLPDVSPE DDASAQGSVS FSQVSNLPTTE RTAEEYYGEK SLEDAVVPPA AFINQIAGGL RRALGLQLFN FDMIRDVRAG DRYLVIDINY FPGYAKMPGY ETVLTDFWE MVHKDGVGNQ QEEKGANHVV VK
Source	E.coli
Target Names	ITPK1
Protein Names	Recommended name: Inositol-tetrakisphosphate 1-kinase 1 EC= 2.7.1.134 Alternative name(s): Inositol 1,3,4-trisphosphate 5/6-kinase 1 Short name= Inositol-triphosphate 5/6-kinase 1 Short name= Ins(1,3,4)P(3) 5/6-kinase 1 EC
Expression Region	1-342
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.