



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

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