



# Recombinant Arabidopsis thaliana Inositol-pentakisphosphate 2-kinase (IPK1)

<b>Product Code</b>	CSB-EP842418DOA-B
<b>Abbreviation</b>	IPK1
<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>	Q93YN9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEMILEEKDA SDWIYRGEGG ANLVLAYAGS SPLFVGKVir IQKARRNDKA IKNANGVSV LTSDEQHLWR ENNELISSPN KEVLEQRYVK NVIIPLLGPK HVDAGVRVSV SKEFLECVDK KVTQQRPLWR VNAANVDTSH DSALILNDHS LFSQGISSGG DCISVEIKPK CGFLPTSRFI GKENMLKTSV SRFKMHQLLK LEYNEISEES EYDPLDLFSG SKESVLEAIK ALYSTPQNNF RVFLNGSLIL GGSGESTGRT SPEIGYAFED ALKGFIQSED GHRTECFLLQ VSDAVYGGSV LDRLLEIQKL DKLDIEGAIH SYDNLINQPC PICKEGKPLE AELSLHALPL DESLKIVKEY LIAATAKDCS IMISFQSRNA WDSEPSGDYV SLKPTNQTFD YKVFIDLSL KPLKRMESYY KLDKKIISFY NRKQKAENTA EQIGNSKPSH S
<b>Source</b>	E.coli
<b>Target Names</b>	IPK1
<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= AtIPK1 Short name= InsP5 2-kinase
<b>Expression Region</b>	1-451
<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.