



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

Product Code	CSB-EP842418DOA
Abbreviation	IPK1
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.	Q93YN9
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	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 YKVHFIDL SLKPLKRMESYY KLDKKIISFY NRKQKAENTA EQIGNSKPSH S
Source	E.coli
Target Names	IPK1
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= AtIPK1 Short name= InsP5 2-kinase
Expression Region	1-451
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.