



# Recombinant Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 21 (CIPK21)

<b>Product Code</b>	CSB-EP822013DOA
<b>Abbreviation</b>	CIPK21
<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>	Q94CG0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MGLFGTKKIG KYEIGRTIGE GNFAKVKLG Y DTTNGTYVAV KIIDKALVIQ KGLESQVKRE IRTMKLLNHP NIVQIHEVIG TKTKICIVME YVSGGQLSDR LGRQKMKESD ARKLFQQLID AVDYCHNRGV YHRDLKPQNL LLDSKGNLKV SDFGLSAVPK SGDMLSTACG SPCYIAPELI MNKGYSAAV DVWSCGVILF ELLAGYPPFD DHTLPVLYKK ILRADYTFPP GFTGEQKRLI FNILDPNPLS RITLAEIIK DSWFKIGYTP VYHQLSDSIK DNVAEINAAT ASSNFINAFQ IAMSDDL DL SGLFEENDDK RYKTRIGSKN TAQETIKKIE AAATYVLSLV ERIKHFKVKI QPKEIRSRS YDLLSAEVIE VPTNCVIEI SKSAGELRLY MEFCQSLSSL LTAEVS
<b>Source</b>	E.coli
<b>Target Names</b>	CIPK21
<b>Protein Names</b>	Recommended name: CBL-interacting serine/threonine-protein kinase 21 EC= 2.7.11.1 Alternative name(s): SNF1-related kinase 3.4 SOS2-like protein kinase PKS23
<b>Expression Region</b>	1-416
<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.