



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

Product Code	CSB-EP822013DOA-B
Abbreviation	CIPK21
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.	Q94CG0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MGLFGTKKIG KYEIGRTIGE GNFAKVKLG Y DTTNGTYVAV KIIDKALVIQ KGLESQVKRE IRTMKLLNHP NIVQIHEVIG TKTKICIVME YVSGGQLSDR LGRQKMKESD ARKLFQQLID AVDYCHNRGV YHRDLKPQNL LLDSKGNLKV SDFGLSAVPK SGDMLSTACG SPCYIAPELI MNKGYSGAAV DVWSCGVILF ELLAGYPPFD DHTLPVLYKK ILRADYTFPP GFTGEQKRLI FNILDPNPLS RITLAEIIK DSWFKIGYTP VYHQLSDSIK DNVAEINAAT ASSNFINAFQ IIAMSSDL DL SGLFEENDDK RYKTRIGSKN TAQETIKKIE AAATYVLSLV ERIKHFKVKI QPKEIRSRS YDLLSAEVIE VPTNVCVIEI SKSAGELRLY MEFCQSLSSL LTAEVS
Source	E.coli
Target Names	CIPK21
Protein Names	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
Expression Region	1-416
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.