



Recombinant Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 19 (CIPK19)

Product Code	CSB-EP872248DOA
Abbreviation	CIPK19
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.	Q9FJ55
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MADLLRKVKS IKKKQDQSNH QALILGKYEM GRLLGHGTFA KVYLARNAQS GESVAIKVID KEKVLKSGLI AHIKREISIL RRVHRPNIVQ LFEVMATKSK IYFVMEYVKG GELFNKVAKG RLKEEMARKY FQQLISAVSF CHFRGVYHRD LKPENLLLDE NGNLKVSDFG LSAVSDQIRQ DGLFHTFCGT PAYVAPEVLA RKGYDGAKVD IWSCGVILFV LMAGFLPFHD RNVMAMYKKI YRGDFRCPRW FPVEINRLLI RMLETKPERR FTMPDIMETS WFKKGFKHIK FYVEDDHQLC NVADDDEIES IESVSGRSST VSEPEDFESF DGRRRGGSMR RPASLNAFDL ISFSPGFDLS GLFEDDGEYS RFVSGAPVGQ IISKLEEIAR IVSFTVRKKD CKVSLEGSRE GSMKGPLSIA AEIFELTPAL VVVEVKKKGG DKMEYDEFEN KELKPKLQNL SSENGQRVSG SRSLPSFLLS DTD
Source	E.coli
Target Names	CIPK19
Protein Names	Recommended name: CBL-interacting serine/threonine-protein kinase 19 EC=2.7.11.1 Alternative name(s): SNF1-related kinase 3.5 SOS2-like protein kinase PKS21
Expression Region	1-483
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.



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