



Recombinant Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 5 (CIPK5)

Product Code	CSB-EP867918DOA-B
Abbreviation	CIPK5
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.	Q9LEU7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MEEERRVLFG KYEMGRLLGK GTFKAVYYGK EIIGGECVAI KVINKDQVMK RPGMMEQIKR EISIMKLVHR PNIVELKEVM ATKTKIFFVM EFVKGGE LFC KISKGKLHED AARRYFQQLI SAVDYCHSRG VSHRDLKPEN LLLDENGDLK ISDFGLSALP EQILQDGLLH TQCGTPAYVA PEVLKKKGYD GAKADIWSCG VVLYVLLAGC LPFQDENLMN MYRKIFRADF EFPPWFSPA RRLISKLLVV DPDRRISIPA IMRTPWLRKN FTPPLAFKID EPICSQSSKN NEEEEEDGDC ENQTEPISPK FFNAFEFISS MSSGFDLSSL FESKRKVQSV FTSRSSATEV MEKIETVTKE MNMKVKRTKD FKVKMEGKTE GRKGRLSMTA EVFEVAPEIS VVEFCKSAGD TLEYDRLYEE EVRPALNDIV WSWHGDNNNT SSEDG
Source	E.coli
Target Names	CIPK5
Protein Names	Recommended name: CBL-interacting serine/threonine-protein kinase 5 EC=2.7.11.1 Alternative name(s): SNF1-related kinase 3.24 SOS2-like protein kinase PKS19
Expression Region	1-445
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.