



Recombinant Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 23 (CIPK23)

Product Code	CSB-EP842405DOA-B
Abbreviation	CIPK23
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.	Q93VD3
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MASRTTPSRS TPSRSTPSGS SSGGRTRVGK YELGRTLGEF TFAKVKFARN VENGDNVAIK VIDKEKVLKN KMIAQIKREI STMKLIKHPN VIRMFEVMAS KTKIYFVLEF VTGGELFDKI SSGRLKEDE ARKYFQQLIN AVDYCHSRGV YHRDLKPENL LLDANGALKV SDFGLSALPQ QVREDGLLHT TCGTPNYVAP EVINNKGYDG AKADLWSCGV ILFVLMAGYL PFEDSNLTSY YKKIFKAEFT CPPWFSASAK KLIKRIKDPN PATRITFAEV IENEWFKKGK KAPKFENADV SLDDVDAIFD DSGESKNLVV ERREEGLKTP VTMNAFELIS TSQGLNLGSL FEKQMGLVKR KTRFTSKSSA NEIVTKIEAA AAPMGFDVKT NNYKMKLTGE KSGRKGQLAV ATEVFQVAPS LYMVEMRKSG GDTLEFHKFY KNLTTGLKDI VWKTIDEEKE EGTDGGGTNG AMANRTIAKQ ST
Source	E.coli
Target Names	CIPK23
Protein Names	Recommended name: CBL-interacting serine/threonine-protein kinase 23 EC=2.7.11.1 Alternative name(s): Protein LOW-K(+)-SENSITIVE 1 SNF1-related kinase 3.23 SOS2-like protein kinase PKS17
Expression Region	1-482
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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