



Recombinant Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 7 (CIPK7)

Product Code	CSB-EP893583DOA-B
Abbreviation	CIPK7
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.	Q9XIW0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MESLPQPQNQ SSPATTPAKI LLGKYELGRR LGSGSFAKVH LARSIESDEL VAVKIIIEKKK TIESGMEPRI IREIDAMRRL RHPNLIKIH EVMATKSKIY LVMELASGGE LFSKVLRRGR LPESTARRYF QQLASALRFS HQDGVHRDV KPQNLLLDEQ GNLKVSDFGL SALPEHLQNG LLHTACGTPA YTAPEVISRR GYDGAKADAW SCGVILFVLL VGDVPFDDSN IAAMYRKIHR RDYRFPWSWIS KQAKSIIYQM LDPNPVTRMS IETVMKTNWF KKSLETSEFH RNVFDSEVEM KSSVNSITAF DLISLSSGLD LSGLFEAKKK KERRFTAKVS GVEVEEKAKM IGEKLGYVVK KKMMKKEGEV KVVGLGRGRT VIVVEAVELT VDVVVVEVKV VEGEEDDSRW SDLITELEDI VLSWHNDIM
Source	E.coli
Target Names	CIPK7
Protein Names	Recommended name: CBL-interacting serine/threonine-protein kinase 7 EC= 2.7.11.1 Alternative name(s): SNF1-related kinase 3.10 SOS2-like protein kinase PKS7 Serine/threonine-protein kinase SR2 Short name= AtSR2 Short name
Expression Region	1-429
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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