



Recombinant *Oryza sativa* subsp. *japonica* CBL-interacting protein kinase 18 (CIPK18)

Product Code	CSB-MP730149OFG
Abbreviation	CIPK18
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.	Q5W736
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MMELEKNGNI LLRRYEIGKL LGQGTFKVVY HGRNIVTSQS VAIKVIDKDK IFKVGLMDQI KREISVMKLV RHPNIVQLYE VMATKSKIYF VLEYVKGDEL FNKVAKGRLE EDAARKYFQQ LVSAVDFCHS RGVYHRDLKP ENLLVDENGN LKITDFGLSA LAESRRQDGL LHTTCGTPAY VAPEVISRKG YDGVKVDTWS CGVILFVLMG GYLPFQDSNL MEMYRKIGKA EFKCPWFSS DVRKLVSRIL DPNPRSRMPI TKIMETYWFK KGLDSKLILK NVETNEPVTALADVNVPVSS MGSSSSKKTE EKQDAGKLTN LNAFDIISLS EGFDSLGLFE ETDKKKEARF TSSQSASAI SKLEDVASCS KLVKKEGG VLKMEGASEG RKGVLDAIDAE IFEVTPSFHL VEIKKNGDT LEYQHLWKED MKPALKDIVW AWQGERQDQQ PEDHGQP
Source	Mammalian cell
Target Names	CIPK18
Protein Names	Recommended name: CBL-interacting protein kinase 18 EC= 2.7.11.1 Alternative name(s): OsCIPK18
Expression Region	1-457
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.