



Recombinant *Oryza sativa* subsp. *japonica* CBL-interacting protein kinase 5 (CIPK5)

Product Code	CSB-EP862915OFG-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.	Q9LWM4
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MEKKASILMN RYELGRMLGQ GTFKVVYHAR NLASNQSVAI KVIDKEKVLRL VGMIDQIKRE ISIMRLVRHP NIVQLHEVMA SKSKIYFAME YVRGGELFSR VARGRLKEDA ARKYFQQLIG AVDFCHSRGV YHRDLKPENL LVDENGNLKV SDFGLSAFKE CQKQDGLLHT TCGTPAYVAP EIINKRGYDG AKADIWSCGV ILFVLLAGYL PFHDSNLMEM YRKISKGDVK FPQWFTTDVR RLLSRLLDPN PNIRITVEKL VEHPWFKKG Y KPAVMLSQPN ESNLKDVT AFSADHKDNE GKAKEPASSL KPVSLNAFDI ISLSKGF DLS GLFENDKEQK ADSRFMTQKP ASAIVSKLEQ IAETESFKVK KQDGLVKLQG SKEGRKGQLA IDAEIFEVTP SFFVVEVKKS AGDTLEYEKF CNKGLRPSLR DICWDGQSEH PSLAQSSTLT QSSKSISRHA I
Source	E.coli
Target Names	CIPK5
Protein Names	Recommended name: CBL-interacting protein kinase 5 EC= 2.7.11.1 Alternative name(s): OsCIPK05
Expression Region	1-461
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.