



Recombinant *Oryza sativa* subsp. *japonica* CBL-interacting protein kinase 2 (CIPK2)

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| Product Code | CSB-EP800014OFG |
| Abbreviation | CIPK2 |
| 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. | Q7X996 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. <i>japonica</i> (Rice) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MAEQRGNMLM KKYEMGKLLG QGTFKAVYHA RNTETSESVA IKMIDKEKVL KGGLMDQIKR EISVMKLV RH PNIVQLYEVM ATKTKIYFVL EHVKG GELFN KVQRGRLKED AARKYFQQLI CAVDFCHSRG VYHRDLKPEN LLLDENS NLK VSDFGLSALA DCKRQDGLLH TTCGTPAYVA PEVINRRGYD GAKADIWSCG VILFVLLAGY LPFHDKNLMD MYKKIGKAEF KCPSWFNTDV RRLLLRILD P NPSTRISMDK IMENPWFRKG L DAKLLRYNL QPKDAIPVDM STDFDSFNSA PTLEKKPSNL NAFDIISLST GLDLSGMFEE SDKKESKFTS TSTASTIISK IEDIAKGLRL KLTKKD GLL KMEGSKPGRK GVMGIDAEIF EVTPNFHLVE LKKTNGDTLE YRKVLNQEMR PALKDIVWAW QGEQPKQQQQ PTC |
| Source | E.coli |
| Target Names | CIPK2 |
| Protein Names | Recommended name: CBL-interacting protein kinase 2 EC= 2.7.11.1 Alternative name(s): OsCIPK02 |
| Expression Region | 1-443 |
| 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.