



Recombinant *Oryza sativa* subsp. japonica CBL-interacting protein kinase 31 (CIPK31)

Product Code	CSB-EP747681OFG-B
Abbreviation	CIPK31
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.	Q6X4A2
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MYRAKRAALS PKVKRRVGKY ELGRTIGEGT FAKVRFKNT ENDEPVAIKI LDKEKVQKHR LVEQIRREIC TMKLVKHPNV VRLFVVMGSK ARIFIVLEYV TGGELFEIIA TNGRLKEEEA RKYFQQLINA VDYCHSRGVY HRDLKLENLL LDASGNLKVS DFGLSALTEQ VKADGLLHTT CGTPNYVAPE VIEDRGYDGA AADIWSCGVI LYVLLAGFLP FEDDNIALLY KKISEAQFTC PSWFSTGAKK LITRILDPNP TTRITISQIL EDPWFKKGKYK PPVFDEKYET SFDDVDAAFG DSEDRHVKEE TEDQPTSMNA FELISLNQAL NLDNLFEAKK EYKRETRFTS QCPPKEIITK IEEAAKPLGF DIQKKNYKMR MENLKAGRKG NLNVATEVFQ VAPSLHVVEL KKAAGDTLEF QKFYRTLSTQ LKDVVWKCDG EVEGNGAAA
Source	E.coli
Target Names	CIPK31
Protein Names	Recommended name: CBL-interacting protein kinase 31 EC= 2.7.11.1 Alternative name(s): OsCIPK31 Short name= OsCK1
Expression Region	1-449
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.