

CBL-interacting protein kinase 26 (CIPK26), Recombinant Protein

Cat RP13495

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica CBL-interacting protein kinase 26 (CIPK26)

Product Gene Name

CIPK26 recombinant protein

Product Synonym Gene Name

CIPK26

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MDDRRTILMD RYEIGRQLGQ GNFAKVYYAR NLTSGQAVAI KMIDKEKVTR VGLMVQIKRE ISIMRLVKHP
NILQLFEVMA SKSKIYFVLE YAKGGELFKK ISKGKFSADV ARRYFHQLIS GIDYCHSRGV YHRDLKPENL
LLDENESLKV SDFGLSALSE SKRHDGLLHT TCGTPAYVAP EVLSRRGYDG AKADIWSCGV ILFVLVSGYL
PFHDTNLIEM YRKIAKAEYK CPRSFSSELK DLYKILDPD PSTRISIPKI KRSWYRKSS DVNALKSKHE
TGDKVYKGEA TTSDTTECSI FEGNRASSRD KVTNNGEATT SDSPECSNSD GKQASLSLPN LNAFDIISLS
TGFDLSNLFE ERYGRREERF TTRQPAIAIF AKLNELARRF KLKIKKKENG VLRLVAPKEG IKGLLELDAE
VFELAPSFHL VEFKKSNGDT IEYQKLMKED IRPALKDIVW AWQGGQHQQP EQSMQGMQGE QQPSRLPSQQ
PQG

Sequence Positions

1-493, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

55,908 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

CBL-interacting protein kinase

NCBI Accession

XP_015624706.1

NCBI GI

1002240835

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI GenBank Nucleotide # XM_015769220.1

NCBI GeneID

4328383

NCBI Official Full Name

CBL-interacting protein kinase 26

NCBI Official Symbol

LOC4328383

NCBI Official Synonym Symbols

CIPK26; OsCIPK26; OsJ_005311; OJ9003_G05.12

NCBI Protein Information

CBL-interacting protein kinase 26

UniProt Gene Name

CIPK26

UniProt Protein Name

CBL-interacting protein kinase 26

UniProt Synonym Protein Names

OsCIPK26

UniProt Primary Accession

Q6H7U5

UniProt Related Accession

Q6H7U5

UniProt Comments

CIPK serine-threonine protein kinases interact with CBL proteins. Binding of a CBL protein to the regulatory NAF domain of CIPK protein lead to the activation of the kinase in a calcium-dependent manner .

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