

CBL-interacting protein kinase 30 (CIPK30), Recombinant Protein

Cat RP13473

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 30 (CIPK30)

Product Gene Name

CIPK30 recombinant protein

Product Synonym Gene Name

CIPK30

Purity

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

Sequence

MAMETTSQDS QVIMGRYKLG RLLGRGTFK VYKAYKLTG EAVAIKVFDD EAVQRSQTV E QVKREVDVMR
RVHHRHVIRL HEVMATRSRI YFVMEYASGG ELFTRLSRSP RFPEPVARRY FQQLITAVEF CHSRGVYHRD
LKPENLLLD A RGD LKVTDFG LSALDGGLRG DGLLHTTCGT PAYVAPEVLL KRGYDGAKAD IWSCGVILFV
LLAGYLPFNE TNLVILYRNI TESNYRCPPW FSVEARKLLA RLLDPNPKTR ITISKIMDRP WFQQATCPLG
DMSLVASAPS VLLARKEASQ QHDDEEDDGF AREKKKRSNV IMSSPVIDVR PSSMNAFDII SRSRGLDLSK
MFDAAERRSE ARFSTRETTT AIVSKLEEIA EAGRFSFKLK EKGRVELEGS QDGRKGALAI EAEIFKVAPE
VHVVEVRKTG GDSPDFRDFY KQELKPSLGD MVWAWQGGDS PPLVPAAGR R PITKRS

Sequence Positions

1-476, 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

53,563 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_015642153.1

NCBI GI

1002229137

NCBI GenBank Nucleotide

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)

XM_015786887.1

NCBI GeneID

NCBI Official Full Name

CBL-interacting protein kinase 30

NCBI Official Symbol

LOC4325611

NCBI Official Synonym Symbols

CIPK30; OsCIPK30; OsJ_003433; P0460E08.7

NCBI Protein Information

CBL-interacting protein kinase 30

UniProt Gene Name

CIPK30

UniProt Protein Name

CBL-interacting protein kinase 30

UniProt Synonym Protein Names

OsCIPK30

UniProt Primary Accession

Q5JLQ9

UniProt Secondary Accession

Q94DT7; B7EG29

UniProt Related Accession

Q5JLQ9

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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