CBL-Interacting Protein Kinase 19 (CIPK19) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	CBL-interacting protein kinase 19 (CIPK19), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica CBL-interacting protein kinase 19 (CIPK19), partial
Product Gene Name	CIPK19 recombinant protein
Product Synonym Gene Name	CIPK19
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	56,913 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q68Y49
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CIPK19 recombinant protein	MBS1311895 is a recombinant protein targeting CIPK19. Also known as Recombinant Oryza sativa subsp. japonica CBL-interacting protein kinase 19 (CIPK19), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CIPK19 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CIPK19. It may not necessarily be applicable to this product.

NCBI GI #	1002268825
NCBI GeneID	4339306
NCBI Accession #	XP_015638753.1
UniProt Primary Accession #	Q68Y49
UniProt Secondary Accession #	Q9SLZ6; B7EGG2
UniProt Related Accession #	Q68Y49
GenBank Nucleotide #	XM_015783267.1
NCBI Official Full Name	CBL-interacting protein kinase 19

NCBI Official Symbol	LOC4339306
NCBI Official Synonym Symbols	OsPK4; CIPK19; OsCIPK19; P0022D06.5
UniProt Protein Name	CBL-interacting protein kinase 19
UniProt Synonym Protein Names	OsCIPK19; OsPK4
Protein Family	CBL-interacting protein kinase
UniProt Gene Name	CIPK19
NCBI Protein Information	CBL-interacting protein kinase 19
UniProt Comments for CIPK19	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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