Calcineurin B-Like Protein 6 (CBL6) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calcineurin B-like protein 6 (CBL6), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Calcineurin B-like protein 6 (CBL6)
Product Gene Name	CBL6 recombinant protein
Product Synonym Gene Name	CBL6
Sequence	MVDSSEGLRR LAALLFKCCS LDSSNRPNGL QDPERLARET VFNVNEIEAL YELFKKISSA VVDDGLINKE EFQLALFKTN RKDSMFADRV FDLFDTKHNG ILGFEEFARA LSVFHPNAPI DDKIDFAFKL YDLKQQGFIE KQEVKQMVVA TLAESGMNLS DEIIEGIIDK TFEEADTKHD GKIDKEEWRN LVLRHPSLLK NMTLPYLRDI TTTFPSFVFN SQVEDA
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	25,879 Da
Sequence Positions	1-226, Full length protein
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 Q3HRP1
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CBL6 recombinant protein	MBS1425105 is a recombinant protein targeting CBL6. Also known as Recombinant Oryza sativa subsp. japonica Calcineurin B-like protein 6 (CBL6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CBL6 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 CBL6. It may not necessarily be applicable to this product.

NCBI GI #	1002309565
NCBI GeneID	4351575
NCBI Accession #	XP_015618145.1
UniProt Primary Accession #	Q3HRP1
UniProt Secondary Accession #	Q2QXC4; H2KX26

UniProt Related Accession #	Q3HRP1
GenBank Nucleotide #	XM_015762659.1
NCBI Official Full Name	calcineurin B-like protein 6
NCBI Official Symbol	LOC4351575
NCBI Official Synonym Symbols	CBL6
UniProt Protein Name	Calcineurin B-like protein 6
Protein Family	Calcineurin B-like protein
UniProt Gene Name	CBL6
NCBI Protein Information	calcineurin B-like protein 6
UniProt Comments for CBL6	Acts as a calcium sensor. CBL proteins interact with CIPK serine-threonine protein kinases. Binding of a CBL protein to the regulatory NAF domain of a CIPK protein lead to the activation of the kinase in a calcium-dependent manner ().
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