Probable Calcium-Binding Protein CML30 (CML30) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable calcium-binding protein CML30 (CML30), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Probable calcium-binding protein CML30 (CML30)
Product Gene Name	CML30 recombinant protein
Product Synonym Gene Name	CML30
Sequence	MAPLLLLFLL GGLCALFSLA SSSPATKKCG DAKKRREEEG EEVVVVAKKR PEEEPRRPDP DADLGIVFST FDHDGDGFIT AAELEESLKR LGIAVSSAAE AAALVARVDA NSDGLIDIHE FRELYDSIPK RRKSHQQHPL PSTAAADEEA AAADEEYEAE EEERDLREAF DVFDGNKDGL ISAEELGTVL ESLGLRQHGG RPAVAECRDM IRLVDSDGDG MVSFEEFKRM MTVVKA
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	25,745 Da
Sequence Positions	1-236, 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 Q5SND2
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CML30 recombinant protein	MBS1282542 is a recombinant protein targeting CML30. Also known as Recombinant Oryza sativa subsp. japonica Probable calcium-binding protein CML30 (CML30). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CML30 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 CML30. It may not necessarily be applicable to this product.

NCBI GI #	1002274014
NCBI GeneID	4340272
NCBI Accession #	XP_015641327.1
UniProt Primary Accession #	Q5SND2

UniProt Secondary Accession #	B7EIB4
UniProt Related Accession #	Q5SND2
GenBank Nucleotide #	XM_015785841.1
NCBI Official Full Name	probable calcium-binding protein CML30
NCBI Official Symbol	LOC4340272
NCBI Official Synonym Symbols	CML30
UniProt Protein Name	Probable calcium-binding protein CML30
UniProt Synonym Protein Names	Calmodulin-like protein 30
Protein Family	Probable calcium-binding protein
UniProt Gene Name	CML30
NCBI Protein Information	probable calcium-binding protein CML30
UniProt Comments for CML30	Potential calcium sensor.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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