Calmodulin-Like Protein 7 (CML7) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calmodulin-like protein 7 (CML7), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Calmodulin-like protein 7 (CML7)
Product Gene Name	CML7 recombinant protein
Product Synonym Gene Name	CML7
Sequence	MDPTELKRVF QMFDKNGDGT ITGKELSETL RSLGIYIPDK ELTQMIEKID VNGDGCVDID EFGELYKTIM DEEDEEEEDM KEAFNVFDQN GDGFITVDEL KAVLSSLGLK QGKTLDDCKK MIKKVDVDGD GRVNYKEFRQ MMKGGGFNSL
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	16,956 Da
Sequence Positions	1-150, 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 Q9LNE7
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CML7 recombinant protein	MBS1420724 is a recombinant protein targeting CML7. Also known as Recombinant Arabidopsis thaliana Calmodulin-like protein 7 (CML7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CML7 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 CML7. It may not necessarily be applicable to this product.

NCBI GI #	15221358
NCBI GeneID	837108
NCBI Accession #	NP_172089.1
UniProt Primary Accession #	Q9LNE7
UniProt Related Accession #	Q9LNE7
GenBank Nucleotide #	NM_100479.3

NCBI Official Full Name	EF hand calcium-binding protein family
NCBI Official Symbol	AT1G05990
NCBI Official Synonym Symbols	RHS1; ROOT HAIR SPECIFIC 1; ROOT HAIR SPECIFIC 2; T21E18.4; T21E18_4
UniProt Protein Name	Calmodulin-like protein 7
Protein Family	Calmodulin-like protein
UniProt Gene Name	CML7
NCBI Protein Information	EF hand calcium-binding protein family
UniProt Comments for CML7	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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