Calmodulin (CaM) Karlodinium Micrum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calmodulin (CaM), Recombinant Protein
Full Product Name	Recombinant Karlodinium micrum Calmodulin
Product Gene Name	CaM recombinant protein
Sequence	ADQLTEEQIA EFKEAFSLFD KDGDGTITTK ELGTVMRSLG QNPTEAELQD MINEVDADGN GTIDFPEFLS LMARKMKDTD TEEELIEAFK VFDRDGNGFI SAAELRHVMT NLGEKLTDEE VDEMIREADV DGDGQINYEE FVKMMMAK
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	16,791 Da
Sequence Positions	2-149, 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 A3E4F9
Species	Karlodinium micrum (Dinoflagellate)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CaM recombinant protein	MBS1026669 is a recombinant protein targeting CaM. Also known as Recombinant Karlodinium micrum Calmodulin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CaM 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 CaM. It may not necessarily be applicable to this product.

NCBI GI #	189081808
NCBI Accession #	A3E4F9.1
UniProt Primary Accession #	A3E4F9
NCBI Official Full Name	Calmodulin
UniProt Protein Name	Calmodulin
Protein Family	Calmodulin
UniProt Gene Name	CaM

UniProt Synonym Gene Names	CaM
UniProt Comments for CaM	Calmodulin mediates the control of a large number of enzymes, ion channels and other proteins by Ca2+. Among the enzymes to be stimulated by the calmodulin-Ca2+ complex are a number of protein kinases and phosphatases.
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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Online datasheet: https://www.mybiosource.com/recombinant-protein/calmodulin/1026669