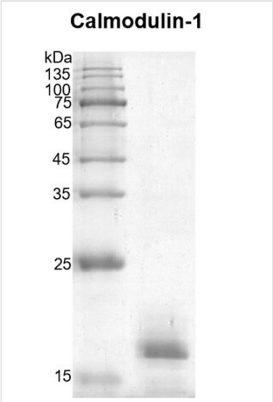
Calmodulin-1 (CAMI) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calmodulin-1 (CAMI), Recombinant Protein
Full Product Name	Recombinant Calmodulin-1 Protein
Product Gene Name	CAMI recombinant protein
Product Synonym Names	DD132; PHKD1; PHKD; Phosphorylase Kinase delta; CAMII; CPVT4; CAM; CALML2; LQT14
Host	E Coli
Form/Format	Recombinant Calmodulin-1 protein is supplied in 25 mM Tris pH 8.0, 300 mM NaCl, 20% glycerol, 0.5 mM TCEP.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Source	Human
Additive	Glycerol
Additive Amount	20%
Product Categories/Family for CAMI recombinant protein	Kinase
Application Notes for CAMI recombinant protein	This product was manufactured as described in description. Additional characterization such as enzyme kinetic activity assays, inhibitor screening or other biological activity assays may not have been performed for every product. All available data for this product is shown.
Related Product Information for CAMI recombinant protein	Description: Recombinant Calmodulin-1 protein that includes full length of human Calmodulin-1 protein (accession number NP_001316851.1) was expressed in E. coli and contains an N-terminal His tag with a molecular weight of 19 kDa. The purity of the protein is >= 85% by SDS-PAGE. Background: Calmodulin acts as part of a calcium signal transduction pathway by mediating the control of a large number of enzymes, ion channels, aquaporins and other proteins through calcium-binding. Among the enzymes to be stimulated by the calmodulin-calcium complex are a number of protein kinases, such as myosin light-chain kinases and calmodulin-dependent protein kinase type II (CaMK2), and phosphatases. Together with CCP110 and centrin, is involved in a genetic pathway that regulates the centrosome cycle and progression through cytokinesis.
Other Notes	Small volumes of CAMI 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.
Searchable Terms for CAMI purchase	MBS389758 is a recombinant protein targeting CAMI. Also known as Recombinant Calmodulin-1 Protein. Host: E Coli.



SDS-Page of CAMI recombinant protein
Recombinant Calmodulin 12.5% SDS-PAGE Coomassie staining MW: 19 kDa, Purity: >= 85%

ADDITIONAL DETAILS

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

Protein Family	Calmodulin
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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