9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CALM2 Human 135 a.a

Calmodulin-2 135 a.a. Human Recombinant
RCP0321

Product Overview

Name	CALM2 Human 135 a.a
Description	
Calmodulin-2 135 a.a. Human Recombinant	
Accession (Primary)	NP_001734
Synonyms	
CALM2, CAM2, CAMB, CAMII, PHKD2, calmodulin 2.	
Introduction	
Calmodulin (CaM) is an intracellular receptor protein for Ca2+-ions. It activates the myosin light chain kinase which is the catalyst of myosin phosphorylation. CaM participates in the activation of enzymes such as cyclic nucleotide-dependent phosphodiesterase, calcineurin, ATPase, Myosin Light Chain Kinases, and CAM kinase.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CALM2 at 1mg/ml in 20mM HEPES-KOH, pH7, 50mM NaCl, 1mM EDTA and 1mM DTT.	
Stability	
Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTEAELQ DMINEVDADG NGTIDFPEFL TMMARKMKDT DSEEEIREAF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQ.	
Precautions	
CALM2 Human 135 a.a is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (NP_001734)

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989