

## 32-3402: CALM2 135 a.a. Recombinant Protein

**Alternative Name :** CALM2,CAM2,CAMB,CAMII,PHKD2,calmodulin 2.

### Description

Source : Escherichia Coli. CALM2 Human Recombinant full length protein expressed in E.coli, containing 135 amino acids and having a Molecular Weight of approximately 16 kDa. The Accession number is NP\_001734. Calmodulin (CaM) is an intracellular receptor protein for Ca<sup>2+</sup>-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.

### Product Info

<b>Amount :</b>	50 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	CALM2 at 1mg/ml in 20mM HEPES-KOH, pH7, 50mM NaCl, 1mM EDTA and 1mM DTT.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTEAELQ DMINEVDADG NGTIDFPEFL TMMARKMKDT DSEEEIREAF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQ.

