





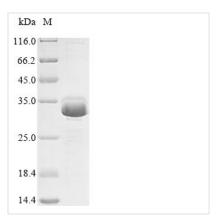
## Recombinant Human Calmodulin-1 (CALM1)

Product Code         CSB-EP004445HU           Relevance         Calmodulin mediates the control of a large number of enzymes, ion channels, aquaporins and other proteins by Ca2+. Among the enzymes to be stimulated by the calmodulin-Ca2+ complex are a number of protein kinases and phosphatases. Together with CCP110 and centrin, is involved in a genetic pathway that regulates the centrosome cycle and progression through cytokinesis.           Abbreviation         Recombinant Human CALM1 protein           Storage         The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.           Uniprot No.         PODP23           Storage Buffer         Tris-based buffer,50% glycerol           Product Type         Recombinant Proteins           Immunogen Species         Homo sapiens (Human)           Purity         Greater than 85% as determined by SDS-PAGE.           Sequence         ADGLTECIAEREAFSLEPDKDGDGTITTELGTVMRSLGQNPTEAELQDMINE VDADGNGTIDFPEFLTMMARKMKDTDSEEEIREAFRYFDKDGNGYISAAELRH VMTNLGEKLTDEEVDEMIREADIDGDGQVNYEEFVQMMTAK           Research Area         Signal Transduction           Source         E.coli           Target Names         CALM1           Expression Region         2-149aa           Notes         Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for		
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Image	Protein Length	Full Length of Mature Protein
	Image	



## **CUSABIO TECHNOLOGY LLC**





(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## **Shelf Life**

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