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Product Datasheet

Recombinant Human Calmodulin-1/CALM1 Protein, E. coli ABB-RP02931

Article Name	Recombinant Human Calmodulin-1/CALM1 Protein, E. coli
Biozol Catalog Number	ABB-RP02931
Supplier Catalog Number	RP02931
Alternative Catalog Number	ABB-RP02931-10UG
Manufacturer	ABclonal
Host	E. coli
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Lys149
Product Description	Calmodulin (CaM) is a multifunctional intermediate calcium-binding messenger protein expressed in all eukaryotic cells. It is an intracellular target of the secondary messenger Ca ²⁺ , and the binding of Ca ²⁺ is required for the activation of Calmoduli...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	16.8 kDa
NCBI	801
UniProt	P0DP23
Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of 50mM NH ₄ HCO ₃ , pH 8.0.

Sequence	MADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTEAELQDMI NEVDADGNGTIDFPEFLTMMARKMKDSTDSEEEIREAFRVFDKDGNGYISAAEL RHVMTNLGEKLTDEEVDEMIREADIDGDGQVNYEEFVQMMTAK
Target	Calmodulin-1/CALM1
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 50mM NH ₄ HCO ₃ , pH 8.0.
Application Notes	Cross-Reactivity: Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. ResearchArea: Other Recombinant Protein