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## Product Datasheet

### Recombinant Human Calumenin/CALU Protein ABB-RP02945

Article Name	Recombinant Human Calumenin/CALU Protein
Biozol Catalog Number	ABB-RP02945
Supplier Catalog Number	RP02945
Alternative Catalog Number	ABB-RP02945-10UG, ABB-RP02945-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Lys20-Phe315
Product Description	Calumenin is a secreted calcium-binding protein that belongs to the CREC family. Calumenin contains six EF-hand domains and is expressed at high levels in the heart, placenta and skeletal muscle. Human Calumenin is synthesized as a 315 amino acid pre...
Concentration	< 0.1 EU/µg of the protein by LAL method.
Molecular Weight	36 kDa
NCBI	<a href="#">813</a>
UniProt	<a href="#">O43852</a>
Purity	80 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Sequence	KPTEKKDRVHHEPQLSDKVHNDASFDYDHDAFLGAEEAKTFDQLTPESKE RLGKIVSKIDGDKDGFVTVDLKDWDIKFAQKRWIYEDVERQWKGHDNLNEDGL VSWEEYKNATYGYVLDDPDPDDGFNYKQMMVRDERRFKMADKDGDLIATKE EFTAFLHPEEYDYMKDIVVQETMEDIDKNADGFIDLEEYIGDMYSHDGNTDEP EWWKTEREQFVEFRDKNRDGKMDKEETKDWILPSDYDHAEAEARHLV
Target	Calumenin
Application Dilute	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
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. Research Area: Other Recombinant Protein