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## Product Datasheet

### Recombinant Human Calumenin/CALU Protein ABB-RP03261

Article Name	Recombinant Human Calumenin/CALU Protein
Biozol Catalog Number	ABB-RP03261
Supplier Catalog Number	RP03261
Alternative Catalog Number	ABB-RP03261-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Ala413
Product Description	Calreticulin is a calcium-binding chaperone that promotes folding, oligomeric assembly and quality control in the endoplasmic reticulum (ER) via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylate...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	47.4 kDa
NCBI	<a href="#">811</a>
UniProt	<a href="#">P27797</a>
Purity	95 % as determined by SDS-PAGE, 90 % as determined by HPLC.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Sequence	<p>MLLSVPLLLGLLGLAVAEPVYFKEQFLDGDGWTSRWIESKHKSDFGKFLSS  GKFYGDEEKDKGLQTSQDARFYALSASFEPFSNKGQTLVVQFTVKHEQNIDC  GGGYVKLFPNSLDQTDMHGDSEYNIMFGPDICGPGTKKVHVIFNYKGKNVLIN  KDIRCKDDEFTHLYTLIVRPDNTYEVKIDNSQVESGSLEDDWDFLPPKKIKDPD  ASKPEDWDERAKIDDPTDSKPEDWDKPEHIPDPDAKKPEDWDE</p>
Target	CALR
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Application Notes	<p>Cross-Reactivity: Centrifuge the vial 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</p>