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## Product Datasheet

### Recombinant Human Carbonic anhydrase 12 Protein ABB-RP00157

Article Name	Recombinant Human Carbonic anhydrase 12 Protein
Biozol Catalog Number	ABB-RP00157
Supplier Catalog Number	RP00157
Alternative Catalog Number	ABB-RP00157-100UG, ABB-RP00157-20UG, ABB-RP00157-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Ala25-Gln291
Product Description	Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. CAs participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorpti...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	31.03 kDa
NCBI	<a href="#">771</a>
UniProt	<a href="#">O43570</a>
Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Target	Carbonic anhydrase 12
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	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., ResearchArea: Other Recombinant Protein