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## Product Datasheet

### Recombinant Human Carbonic anhydrase 5A/CA5A Protein ABB-RP01791

Article Name	Recombinant Human Carbonic anhydrase 5A/CA5A Protein
Biozol Catalog Number	ABB-RP01791
Supplier Catalog Number	RP01791
Alternative Catalog Number	ABB-RP01791-10UG, ABB-RP01791-20UG, ABB-RP01791-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Ala40-Ser305
Product Description	Carbonic Anhydrase catalyzes the reversible reaction of $\text{CO}_2 + \text{H}_2\text{O} = \text{HCO}_3^- + \text{H}^+$ , which is fundamental to many processes such as respiration, renal tubular acidification and bone resorption (1). Topics in a CA meeting (6th International Conference on t...
Concentration	< 0.01 EU/ $\mu\text{g}$ of the protein by LAL method
Molecular Weight	30.93 kDa
NCBI	<a href="#">763</a>
UniProt	<a href="#">P35218</a>
Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 $\mu\text{m}$ filtered solution of 50mM NaAc, 50mM NaCl, 0.05% Brij-35, pH 5.0.

Target	CA5A
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 50mM NaAc,50mM NaCl,0.05% Brij-35,pH 5.0.
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 stablizer (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