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Product Datasheet

Recombinant Human Collagen II alpha 1/COL2A1 Protein ABB-RP02991

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| Article Name | Recombinant Human Collagen II alpha 1/COL2A1 Protein |
| Biozol Catalog Number | ABB-RP02991 |
| Supplier Catalog Number | RP02991 |
| Alternative Catalog Number | ABB-RP02991-50UG, ABB-RP02991-20UG, ABB-RP02991-100UG, ABB-RP02991-10UG |
| Manufacturer | ABclonal |
| Host | Human |
| Category | Proteine/Peptide |
| Species Reactivity | Human |
| Immunogen | Asp1242-Leu1487 |
| Product Description | COL2A1 is the alpha-1 chain of type II collagen which is a fibrillar collagen found in cartilage and the vitreous humor of the eye. Mutations in this protein are associated with achondrogenesis, chondrodysplasia, early onset familial osteoarthritis, ... |
| Concentration | < 1 EU/μg of the protein by LAL method. |
| Molecular Weight | 28.25 kDa |
| NCBI | 1280 |
| UniProt | P02458 |
| Purity | 95 % as determined by SDS-PAGE. |
| Form | Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. |

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| Target | COL2A1 |
| Application Dilute | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. |
| 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., ResearchArea: Other Recombinant Protein</p> |