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## Product Datasheet

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

Artikelname	Recombinant Human Collagen II alpha 1/COL2A1 Protein
Artikelnummer	ABB-RP02991
Hersteller Artikelnummer	RP02991
Alternativnummer	ABB-RP02991-50UG, ABB-RP02991-20UG, ABB-RP02991-100UG, ABB-RP02991-10UG
Hersteller	ABclonal
Wirt	Human
Kategorie	Proteine/Peptide
Spezies Reaktivität	Human
Immunogen	Asp1242-Leu1487
Produktbeschreibung	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, ...
Konzentration	< 1 EU/μg of the protein by LAL method.
Molekulargewicht	28.25 kDa
NCBI	<a href="#">1280</a>
UniProt	<a href="#">P02458</a>
Reinheit	95 % as determined by SDS-PAGE.

Formulierung	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Target-Kategorie	COL2A1
Application Verdünnung	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Anwendungsbeschreibung	<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>