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Product Datasheet

Recombinant Human Collagen I alpha 1/COL1A1 Protein ABB-RP01842

Article Name	Recombinant Human Collagen I alpha 1/COL1A1 Protein
Biozol Catalog Number	ABB-RP01842
Supplier Catalog Number	RP01842
Alternative Catalog Number	ABB-RP01842-10UG, ABB-RP01842-100UG, ABB-RP01842-20UG, ABB-RP01842-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Asp1219-Leu1464
Product Description	Type I collagen is the most abundant structural protein of connective tissues such as skin, bone and tendon. It is synthesized as a procollagen molecule which is characterized by a 300 nm triple helical domain flanked by globular N- and C-terminal pr...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	28.27 kDa
NCBI	1277
UniProt	P02452
Purity	95% as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Target	Collagen I alpha 1/COL1A1
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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