

Native Chicken Sternum Collagen Type II (Col-2)

Cat. No.: AP2F63

Product Type: Animal Proteins

Size: 1 mg; 10 mg; 100 mg; 1 g

Product Overview

BioVenic's Native Chicken Sternum Collagen Type II (Col-2) is a native protein derived from Chicken Sternum.

Specifications

Type	Native Protein
Species	Chicken
Source	Sternum
Purification	Differential salt precipitation Purified
Purity	>98% (SDS-PAGE)
Predicted Molecular Weight	115-135 kDa
Physical State	Lyophilized

Target Information

Type 2 collagen is the main structural component of cartilage tissue, and native type 2 collagen may have beneficial effects on inflammation and degradation in joint disease. It is a specialized protein that plays a vital role in the structure and function of cartilage, the flexible connective tissue found in joints throughout the body. It is the main component of the extracellular matrix in cartilage, providing strength, elasticity, and resilience to withstand pressure and movement.

Protein	Chicken Collagen Type II (Col-2)
Protein Synonym	Type II collagen; Col-II; Collagen type II; Col-2

Shipping and Storage

Dissolved in acetic acid is stable for 1 month at 4°C. Stored in the dark at -20°C for long term storage. Avoid repeated freeze-thaw cycles. It will degrade gradually under neutral conditions.

User Note

Reconstitute to 4 mg/mL with dilute acetic acid (10-50 mM).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.