

LMW-HA / CTP PEPTIDES
Peptides from Hydrolyzed Collagen

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SkyVisc

What is Collagen?

Collagen structures form a triple helix by bringing together amino acids. Collagen consists of a helical structure with repeating sequences of glycine, proline, and hydroxyproline amino acids.

Collagen is composed of peptides. L-Proline and Glycine are peptides obtained from collagen.

NOTE

- Collagen is a protein, and proteins are made up of amino acids.
- Proteins are linear sequences of amino acids linked together by peptide bonds.

What is Glycine?

Glycine (scientifically known as “glycine”) is an amino acid found in proteins and can be produced by the body. This amino acid can be obtained both through internal body synthesis and from foods and supplements containing glycine. Compared to other amino acids, glycine has a simpler molecular structure, but it plays many vital roles in the body.

Glycine has various physiological functions in the body. One of its primary roles is participating actively in protein synthesis. Glycine is particularly important in the structure of collagen and connective tissues.

SkyVisc Peptides is a product consisting of peptides derived from high-purity, injectable-grade collagen. It is a safe product manufactured with the highest purity standards for injectable-grade applications.

What is L-Proline?

L-Proline is an amino acid found in proteins and can be produced by the body. L-Proline is essential for protein structure, as it plays a key role in binding proteins together. It supports collagen synthesis by preventing fiber degradation and breakdown.

L-Proline helps tissue repair in bone fractures and joint injuries. It accelerates tissue regeneration, reducing pain and discomfort. Additionally, it helps cartilage structure remain flexible and increases collagen production in bones. As a result, it supports the elasticity and durability of connective tissues. As a hydrolyzed peptide product, it enhances protein bioavailability and absorption in the body.

What is LMW (Low Molecular Weight) Hyaluronic Acid?

Hyaluronic acid is a biologically essential molecule composed of sugar and protein.

Structurally, hyaluronic acid is known for its ability to retain water up to 1000 times its weight.

Thanks to this feature, it plays a crucial role in ensuring the healthy movement of muscles and bones.

What is a Peptide?

A peptide is a fragmented form of a protein. Collagen peptides, being smaller than collagen, can travel more efficiently in the bloodstream and are directed specifically to the target area.

When collagen undergoes light processing, it is broken down into peptides. This results in Degreed Collagen, which is recognized as injectable-grade collagen. SkyVisc Peptides are used in injectable applications.

Injectable-grade peptides must have a purity level above 98%. Therefore, it is not necessary for all collagen peptides to be animal-derived. Each peptide has its own mechanism of action. SkyVisc Peptides use the safest peptide options available.

SkyVisc PEPTIDES

Collagen peptides are a specific blend of peptides. Studies have shown that peptides have beneficial effects on bones and skin.

Collagen, as a protein, is known to stimulate the extracellular matrix of cartilage cells through collagen peptides.

Skyvisc Peptides contain low molecular weight (LMW) peptides, which help repair and strengthen connective tissues. These peptides are produced using hydrolyzed collagen. MP Peptides, which contain hydrolyzed collagen peptides, are classified as a Class III medical product.

Due to its unique structure, it supports cartilage formation when applied to targeted areas.

This effect is enhanced by low molecular weight hyaluronic acid, which supports joint cartilage, bone structure, and cartilage formation.

LMW-HA %0.5
LP %0.5
GL %0.5

