

## Elastin peptide (enzymatic hydrolysis)

Cat. No. CAFP-030

Lot. No. (See product label)

### Introduction

#### Description

Elastin is an important extracellular matrix protein, mainly in ligaments (80%), aorta (30-50%), lungs (10-25%), and skin (2-3%), which confers elasticity and tensile capacity to body tissues and organs. Among them, clavulin is the characteristic hydrolysis product of elastin. Elastin peptide is a small molecule peptide processed from bovine or fish using bio-enzymatic technology. The raw materials come from large-scale cattle or fish processing enterprises, the whole process can be traced, quality and safety can be controlled. Product Features: ● Small molecular weight ● High thermo-acid stability ● Good solubility

#### Applications

Elastin is mainly used in food, cosmetics and pharmaceuticals. 1. Beauty and skin care Anti-aging: It can promote the synthesis of skin elastic fibers, reduce wrinkles and fine lines, and improve skin elasticity and firmness. Moisturizing: It has strong moisturizing ability and can lock the water in the skin to prevent dryness and dehydration. Repair: It helps to repair damaged skin, promote cell regeneration, and reduce scars and pigmentation. 2. Medical field Wound healing: Elastin peptide can accelerate the wound healing process, reduce the risk of infection and promote tissue repair. Tissue engineering: In tissue engineering, elastin peptides, as part of biomaterials, can be used to construct artificial skin, blood vessels and other tissues. Anti-inflammatory: Elastin peptides have anti-inflammatory effects and can be used to treat skin inflammation and other inflammatory diseases. 3. Food and nutraceuticals Dietary supplements: As a dietary supplement, elastin peptides can help improve skin health and enhance skin elasticity and moisture content. Functional foods: Elastin peptides can be added to a variety of functional foods to enhance the nutritional value of the food and promote overall health.

### Product Information

<b>Source</b>	Bovine or Fish
<b>Appearance</b>	Pale yellow to Light brown
<b>Purity</b>	90% protein
<b>Solubility</b>	Water-soluble

### Usage and Packaging

<b>Package</b>	1kg, 5kg, 10kg aluminum foil vacuum bag
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### Storage and Shipping Information

<b>Storage</b>	Store in a cool, ventilated and dry place, avoid direct sunlight.
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