

# Palmitoyl Tripeptide-1

**Category: Cosmetic**

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## Description

Palmitoyl Tripeptide-1 (Matrixyl 3000 component) is a lipopeptide fragment of collagen that stimulates collagen type I, III synthesis and glycosaminoglycan production, improving skin density and firmness.

## Protocol & Dosage

Recommended dosage: 3-8% in topical formulations

Biological half-life: N/A (topical)

Administration: Subcutaneous injection (typical)

## Key Benefits & Mechanisms

- ∨267 Collagen type I and III synthesis

- ∨267 Glycosaminoglycan production

- ∨267 Improved skin firmness

- ∨267 Reduction of fine lines

- ∨267 Matrix regeneration

## Side Effects & Safety Profile

- ∨267 Minimal

- ∨267 Rarely mild irritation

## Important Disclaimer

This document is provided for educational and research purposes only.

Peptides discussed herein are not approved for clinical use without physician oversight.

Never attempt self-administration without professional medical supervision.

Black market peptides can be contaminated, mislabeled, or dangerous.