

OVERVIEW

Pep[®]-Coll Overview

Palmitoyl Tripeptide-5 stimulates natural collagen production, reducing wrinkles across all skin types with proven results in just 84 days.



Synthesis

Boosts collagen production naturally.



Universal

Effective on all skin types.



Wrinkles

Visible reduction in 84 days.

Product Essentials

Colorless, water-soluble liquid ready for serums, gels, creams, and lotions.

INCI Name

Palmitoyl Tripeptide-5,
Glycerin

Pure Formulation

Preservative-free liquid

Usage Rate

1-5% (Recommended: 3%)



ADVANCED PEPTIDE TECHNOLOGY

Mechanism of Action

Pep®-Coll triggers a multi-stage cellular pathway designed to restore skin structure from within.

01

TGF-Beta Activation

Triggers natural collagen synthesis pathways.

02

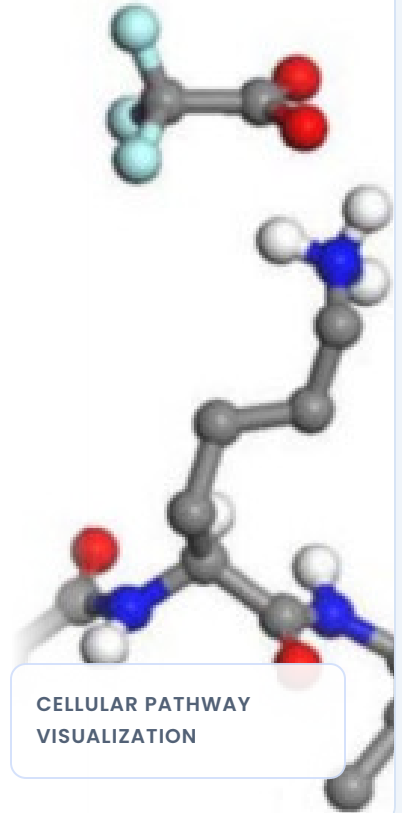
Fibroblast Proliferation

Promotes cell growth for increased skin density.

03

GHK Signaling

Supports structural lifting and firming effects.



CELLULAR PATHWAY
VISUALIZATION

Key Benefits

Delivers smoother skin by targeting wrinkles in width, length, and depth more effectively than alternatives.

25–60%

Superior Efficacy

Compared to
standard
benchmark
peptides

Fast

Visible Results

Rapid
improvement in
skin texture and
tone

Daily

Safe Application

Designed for
continuous use in
daily regimens

84-DAY CLINICAL TRIAL

Tested on 60 subjects with 2.5% Pep®-Coll applied twice daily, showing significant wrinkle reduction.

- Most participants improved
- Skin depth analysis performed



**Results vary by individual*

Eye Wrinkle Results

Clear reduction in eye area wrinkles from Day 0 to Day 84.



Vol. 18 – day 0

Vol. 18 - day 84

✓ Visible
smoothing

✓ Twice-daily
application

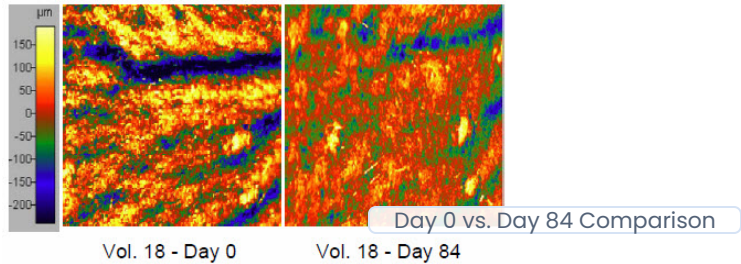
✓ Real subject
photos

Skin Depth Analysis

Volume scans confirm wrinkle volume reduction after 84 days of consistent treatment.

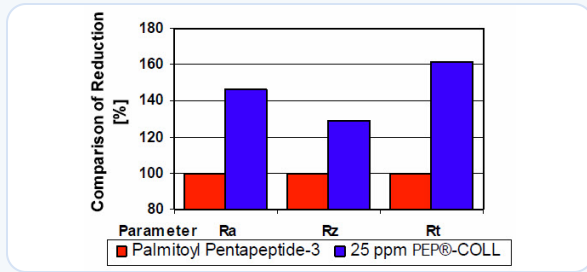
KEY INDICATORS

- Heatmap evidence
- Quantified improvement



Pep[®]-Coll vs. Matrixyl

Proven superiority in reducing skin roughness across all dimensions.



25-60%

GREATER EFFICIENCY

All 3 Dimensions

Significant Ra, Rz, and Rt reduction

Superior Efficacy

Clinical data confirms leading results

Formulation Guidelines

Easy integration into anti-aging formulas with stable pH and temperature limits.



Temperature

Add last, below 40°C



pH Range

pH 3.5 - 6.5



Storage

Fridge (1-10°C)

In Leading Products

Featured in top serums and mists for antioxidant and radiance benefits.

Paula's Choice Resist Serum

Dermologica Antioxidant Hydramist

Murad Active Radiance Serum

