

# EGF (Epidermal Growth Factor)

**Category: Cosmetic**

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## Description

Epidermal Growth Factor is a 53-amino-acid protein that stimulates cell proliferation, differentiation, and wound healing via the EGF receptor. In skincare, recombinant EGF promotes skin regeneration.

## Protocol & Dosage

Recommended dosage: 10-100 mcg/mL in topical serums  
Biological half-life: 3-5 minutes (plasma; receptor binding prolongs activity)  
Administration: Subcutaneous injection (typical)

## Key Benefits & Mechanisms

- ✓ Skin cell proliferation
- ✓ Collagen stimulation
- ✓ Wound and scar healing
- ✓ Anti-aging
- ✓ Skin regeneration

## Side Effects & Safety Profile

- ✓ Rare irritation
- ✓ Generally very safe topically

## 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.