

EGF (Epidermal Growth Factor)

Category: Cosmetic

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.