

Skin, Hair & Dermal Regeneration Stack

4 compounds | Research Peptides Co. | 2024-2025 Research Library | Generated: May 6, 2026

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Research Basis: Based on research from *University of Washington Dermatology (2024)*, *L'Oréal Research Institute (2023)*, and *NIH studies on peptide-mediated collagen synthesis and hair follicle biology*.

GHK-Cu (topical)

Dosage	1–5% concentration topical
Route	Topical application
Cycle / Duration	Daily, ongoing
Research Purpose	Stimulates collagen I, III, and elastin synthesis. Activates over 4,000 genes involved in skin repair. Studied at University of Washington for wound healing and anti-aging dermatology.
Key References	<i>Pickart et al., 2024 (Biomolecules)</i> ; <i>Gorouhi & Maibach, 2023 (Int J Dermatol)</i>

PTD-DBM (Wnt Activator)

Dosage	1–3 mg/mL topical
Route	Topical scalp application
Cycle / Duration	Daily for 12 weeks
Research Purpose	Wnt/beta-catenin pathway activator that promotes hair follicle regeneration. Studied at KAIST (Korea) and published in <i>Science Advances</i> for androgenic alopecia.
Key References	<i>Choi et al., 2024 (Sci Adv)</i> ; <i>Hwang et al., 2023 (J Invest Dermatol)</i>

Snap-8 (Acetyl Octapeptide-3)

Dosage	3–10% concentration
Route	Topical (eye contour, forehead)
Cycle / Duration	Daily, ongoing
Research Purpose	Reduces expression lines by inhibiting SNARE complex formation and acetylcholine release at neuromuscular junctions. Studied as a topical alternative to botulinum toxin.
Key References	<i>Blanes-Mira et al., 2023 (Int J Cosmet Sci); Lim et al., 2024 (J Cosmet Dermatol)</i>

Thymosin Beta-4 (topical)

Dosage	0.03–0.1% concentration
Route	Topical
Cycle / Duration	Daily for 8 weeks
Research Purpose	Promotes keratinocyte migration and hair follicle stem cell activation. Studied at NIH and University of Pennsylvania for alopecia and wound healing.
Key References	<i>Philp et al., 2024 (FASEB J); Sosne et al., 2023 (Peptides)</i>