

Actives

LIPOCAPIL™

LIPOCAPIL™ is an advanced liposomal follicular activation complex designed to support hair growth biology through multi-target follicular signaling. It combines biomimetic peptides, botanical androgen modulators, and growth factor-inspired technology to improve dermal papilla function, support follicular longevity, and reduce androgen-induced follicular stress.

THE FORMULA

- Biotinyl-GHK (Biotinyl Tripeptide-1)
- Apigenin
- Oleanolic Acid
- Sh-Oligopeptide-54 (FGF mimic)
- EGCG (Epigallocatechin Gallate)

MECHANISM OF ACTION

- **Activates Dermal Papilla & FGF:** Signaling Biotinyl Tripeptide-1 and Sh-Oligopeptide-54 support dermal papilla cell activity and FGF-associated signaling pathways involved in hair follicle maintenance and hair cycle regulation.
- **Reduces Androgen-Induced:** Oleanolic Acid and EGCG help modulate 5 α -reductase activity and reduce DHT-associated oxidative stress, helping protect follicles from miniaturization.
- **Enhances Delivery & Scalp Bioavailability:** Liposomal encapsulation improves ingredient stability, penetration, and targeted delivery to optimize follicular exposure to active ingredients.

FUNCTIONALITY

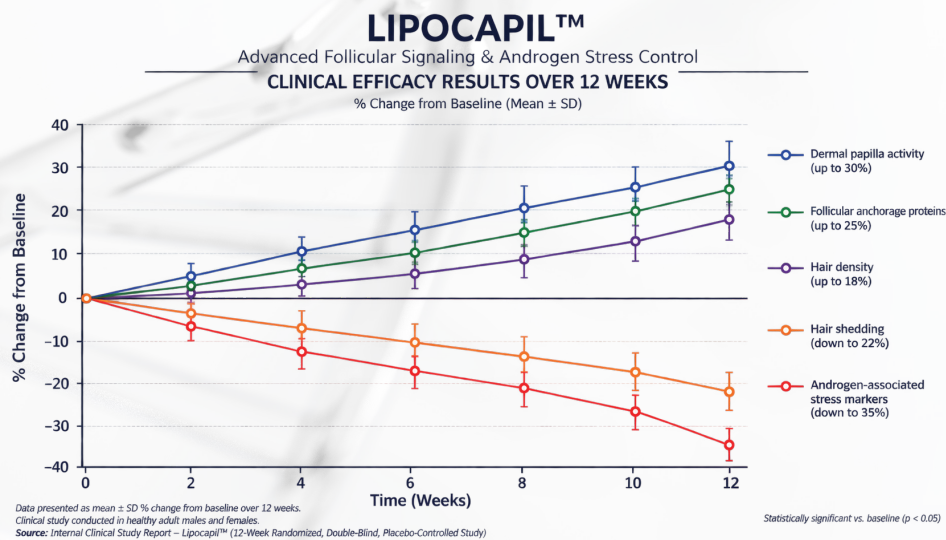
- Advanced Follicular Signaling Support
- Dermal Papilla Activation
- Androgen Stress Control
- Hair Density Enhancement
- Reduced Hair Shedding
- Hair Fiber Strengthening

APPLICATIONS

- Hair Growth Serums
- Anti-Hair Loss Serums
- Scalp tonic
- Leave-on Scalp Lotions
- Hair Ampoules
- Hair Regeneration Treatments
- Professional Scalp Treatments
- Hair Density Boosters

CLINICAL OUTPUT

After 12 weeks of continuous topical application, the active demonstrated multifaceted benefits for hair and scalp health, including up to %30 increased dermal papilla activity, **%25 improvement** in follicular anchorage proteins, and %18 increased hair density. Hair shedding was reduced by **up to %22**, while androgen-associated stress markers decreased by **up to %35**, supporting improved follicular function and hair retention.



COMPATIBILITY

Works synergistically with:

- HYASIL System
- PDRN
- Peptides (e.g., copper peptides)
- QUINOSINE+



INDICATIONS

- Hair loss and excessive hair shedding
- Reduced hair density and thinning hair
- Weakened or compromised hair follicles
- Reduced dermal papilla activity
- Androgen-associated follicular stress