



Clinical Applications (Aids in hair follicle regeneration)

Aids in hair follicle regeneration

PTD-DBM is a peptide that was specifically formulated to target factors that are upregulated in balding individuals. This peptide combined with valproic acid has shown amazing hair restoration effects in as little as 5 weeks. This peptide is often used as a part of larger hair protocols in conjunction with other peptides such as GHK-Cu, Zn-Thymulin, and Thymosin Beta with tremendous results. For maximum results, these therapies can be used in conjunction with microneedling procedures.

Discussion

The Wnt/b-catenin pathway has been implicated in hair follicle development and hair regeneration in Adults. Wnt/b-catenin activators like Valproic Acid promote human hair cell proliferation! CXXC5 (CXXC-type zinc finger protein 5) is a negative regulator of the Wnt/b-catenin pathway which was upregulated in human balding scalps. However, scientists have found a way to block this negative feedback using PTD-DBM.

Nutrition

INGREDIENTS
Aqua (Deionized Water), Cocamidopropyl Betaine, Dimethylsulfoxide (DMSO) PTD-DMB Peptide, Methyl Vanillate

References

1. Tosti A, Zaiac MN, Canazza A, et al. Topical application of the Wnt/ β -catenin activator methyl vanillate increases hair count and hair mass index in women with androgenetic alopecia. *J Cosmet Dermatol*. 2016;15(4):469-474. doi:10.1111/jocd.12225

