

a complete approach to skin health and collagen



a novel combination of two botanically sourced ingredients, *Rumex acetosella* and *Pinus massoniana*

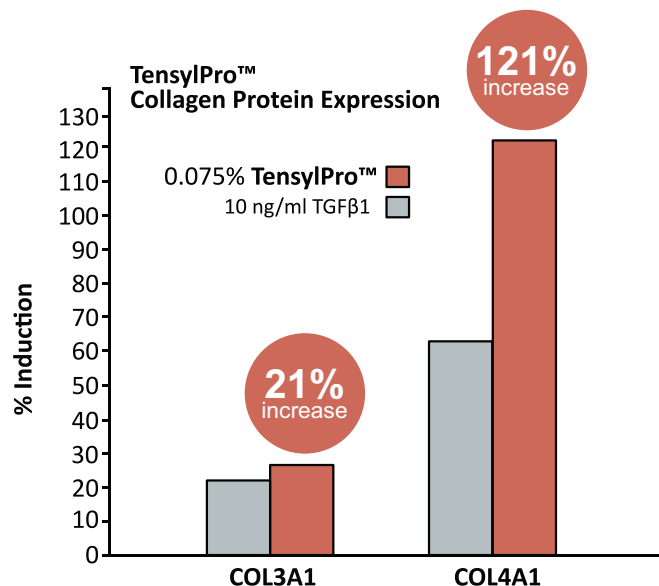
Boost elastin and collagen production

TensylPro™ is Biocogent's latest cutting-edge active ingredient, combining two powerful botanical extracts, *Rumex acetosella* (Field Sorrel) and *Pinus massoniana* (Masson's Pine), to restore and reinforce skin architecture. Designed to support the dermal-epidermal junction (DEJ), TensylPro™ stimulates elastin and collagen production, rebuilding essential proteins for long-term anti-aging benefits. This innovative ingredient provides total collagen boosting and comprehensive skin restructuring, promoting firmer, plumper, and more resilient skin. The synergistic combination of these botanical extracts makes TensylPro™ a unique solution for skincare formulations targeting anti-aging, skin firming, and wrinkle reduction. Revitalize your skin at the DEJ - where health, youth, and rejuvenation begin!

Applications

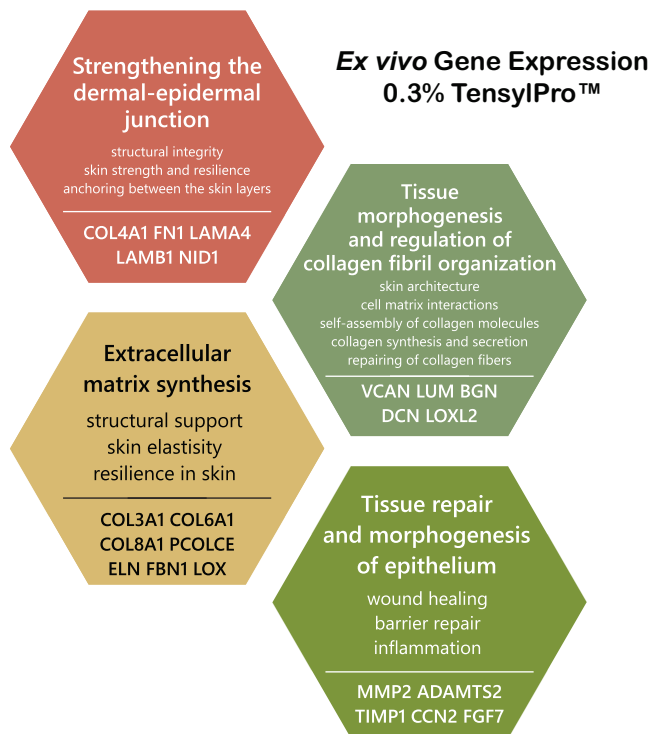
an ideal ingredient for skincare formulations targeting:

- Anti-aging: Reducing wrinkles and fine lines
- Firming & Lifting: Enhancing skin structure and elasticity
- Collagen Boosting: Strengthening the skin's foundational support
- Skin Smoothing: Refining texture and improving hydration



Treatment with 0.075% TensylPro™ led to an increase in COL3A1 and COL4A1 protein expression by 26% and 121% relative to untreated controls, respectively. In both cases, this was as effective or better than TGFβ1, a known inducer of collagens. This demonstrates that TensylPro™ is able to upregulate key proteins whose degradation is directly related to skin aging.

TensylPro™
Product ID – R10131
Suggested Use Level – .5%-3%
Propanediol (and) Water (and) *Pinus Massoniana* Extract
(and) *Rumex Acetosella* Extract (and) Caprylhydroxamic Acid (and) 1,2-Hexanediol



Gene expression profiling was conducted in ex vivo human skin explants. The skin explants were topically treated with 0.3% TensylPro™ for 9 days. Untreated skin explants were used as a control.

Results showed upregulation of 22 genes targeting ECM synthesis, tissue morphogenesis and regulation of collagen fibril organization, tissue repair, and strengthening the dermal-epidermal junction. These results make TensylPro™ a powerful dermal-epidermal junction active ingredient.

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