

# WK Pep<sup>®</sup> Pro-brow



WKPep<sup>®</sup>Pro-brow is working for anti-hair loss and hair growth by maintaining an adequate ECM protein expressed in the hair follicle (e.g. collagen III, laminin and collagen VII) to optimize hair anchorage, protect hair follicle.

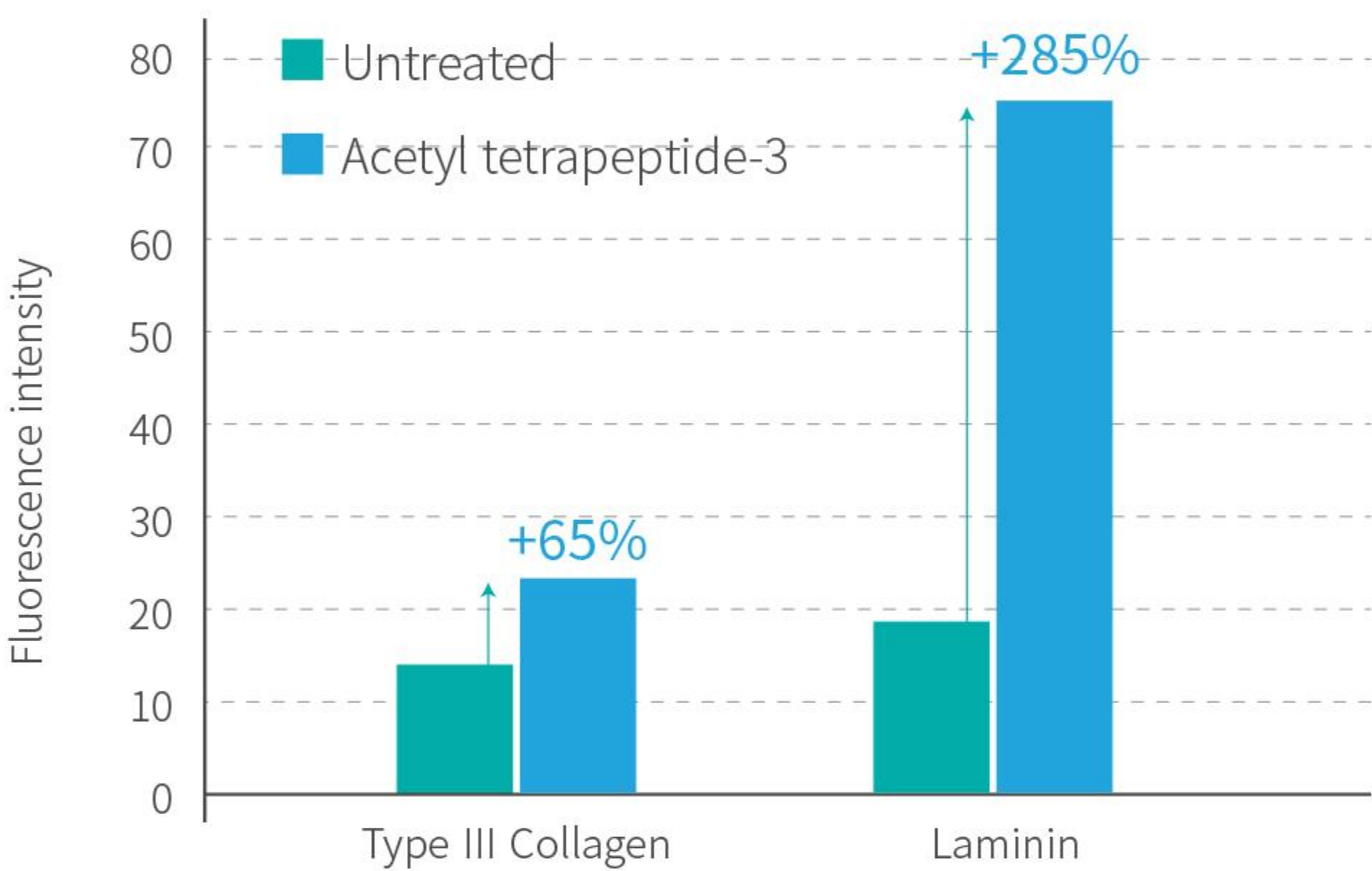
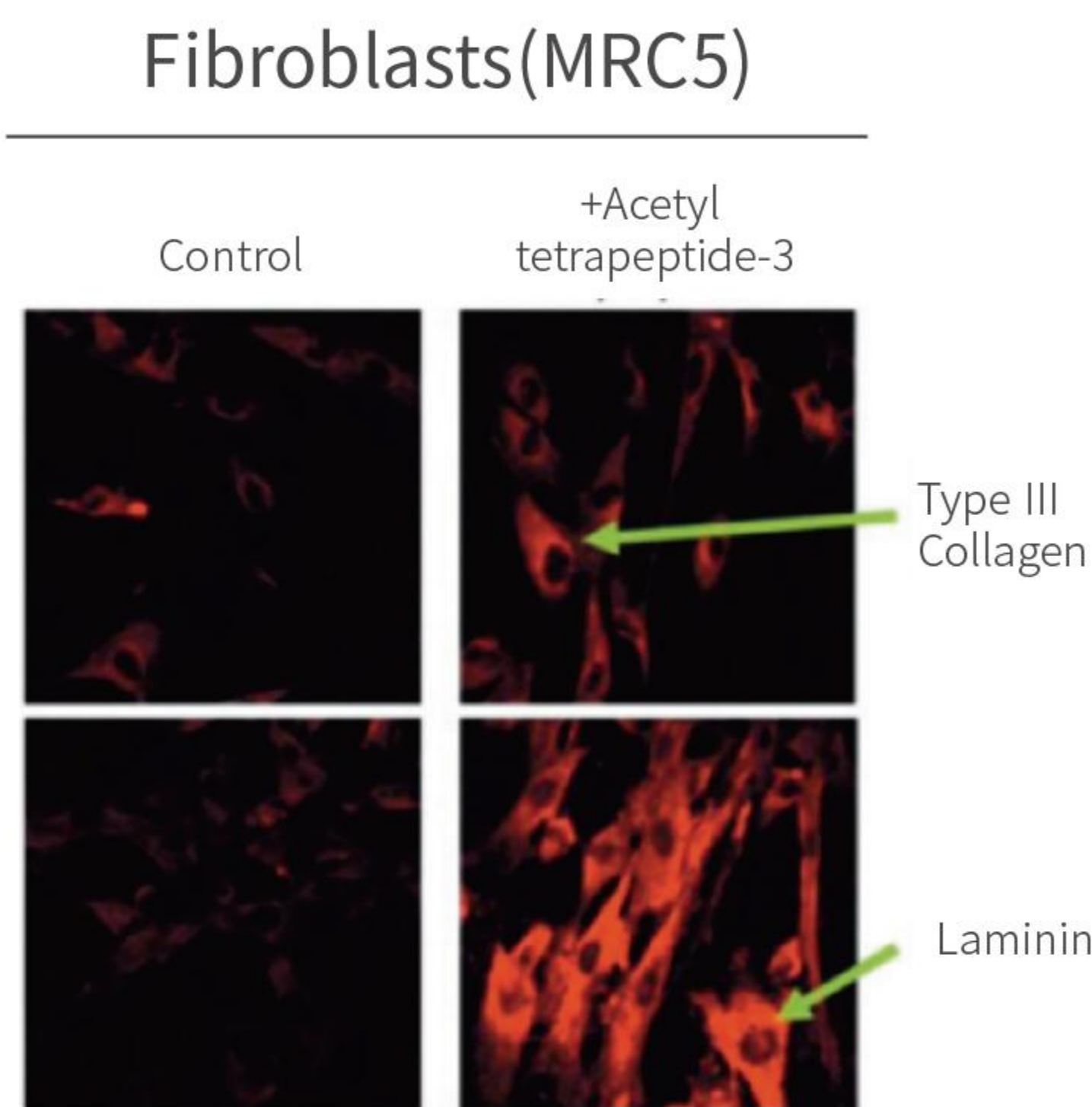
PRODUCT DESCRIPTION

|                    |                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------|
| INCI Name          | Acetyl Tetrapeptide -3, Water, Glycerin                                                                             |
| CAS Number         | n/a, 7732-18-5, 56-81-5                                                                                             |
| Appearance         | Clear liquid, colorless to pale beige                                                                               |
| Peptide content    | ≥450 ppm                                                                                                            |
| PH                 | 4.0~6.0                                                                                                             |
| Recommended dosage | 1-5%                                                                                                                |
| Compatibility      | Avoid the use of compounds containing aldehyde and ketones, metal ions, strong acids, strong bases, active enzymes. |

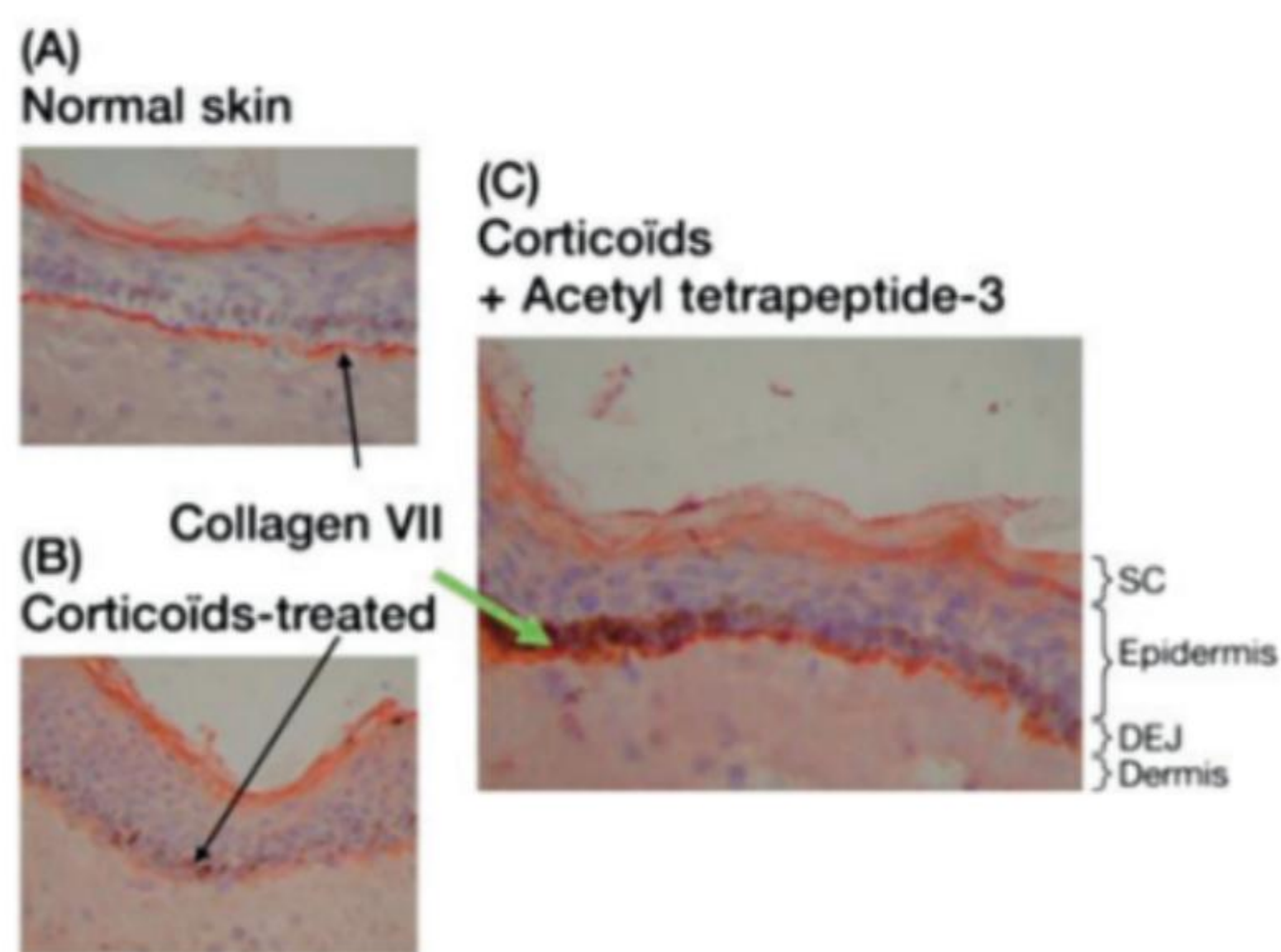
## EFFICACY TEST

### In vitro test

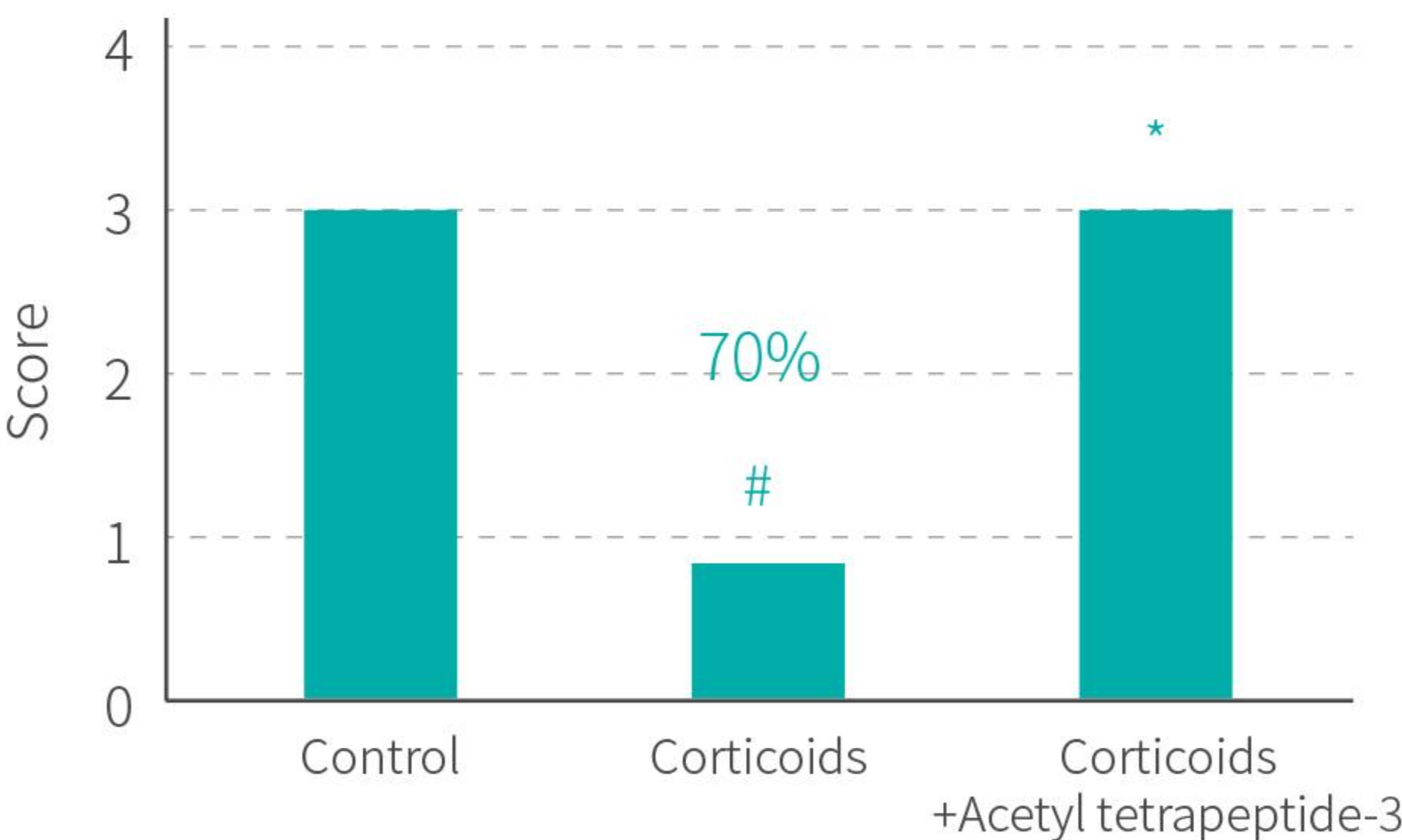
- Stimulate collagen III and laminin synthesis



- Promote levels of collagen VII expression



(D)  
Semi-quantitative evaluation of Collagen VII expression



Reference:  
Loing E, Lachance R, Ollier V, Hocquaux M. A new strategy to modulate alopecia using a combination of two specific and unique ingredients. J Cosmet Sci. 2013 Jan-Feb;64(1):45-58. PMID: 23449130.



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