

Cosactive PDRN

Innovative regeneration for visible skin renewal

Cosactive PDRN is a highly pure cosmetic active ingredient based on sodium DNA (PDRN – polydeoxyribonucleotide) from salmon.

Inspired by regenerative dermatology, PDRN specifically supports cellular skin renewal, collagen synthesis and stabilisation of the skin barrier.

Properties at a glance

Cell regeneration

- Activates fibroblasts and supports skin renewal

Collagen & skin density

- Promotes collagen I synthesis and improves firmness and elasticity

Barrier repair & soothing

- Strengthens the skin barrier and reduces inflammatory reactions

Anti-ageing & repair

- Smoothes fine lines and improves skin texture

Why sodium DNA from salmon?

- High biological affinity to the skin
- Very good skin compatibility
- Scientifically proven mechanism of action via the A2A adenosine receptor
- High-quality active ingredient from marine sources

Areas of application & uses

Cosactive PDRN is ideal for modern, dermatologically oriented care products:

- Anti-ageing serums
- Barrier repair & sensitive skin concepts
- Post-treatment care
- BB/CC creams and face primers

Process

Ideally, Cosactive PDRN should be added to the active ingredient phase at below 40°C.

INCI

Aqua, Pentylene Glycol, Propanediol, Sodium DNA, 1,2-Hexanediol

Recommended concentration

2-50%

Cosactive PDRN – DNA power for active skin regeneration

Cosactive PDRN is a versatile all-rounder for the next generation of highly effective skin care!

- Transparent liquid
- Store at 10–20°C
- Easy to dispense
- No listed preservatives
- Available from 1 kg
- Best before: 24 months

Scientific sources & studies

Gupta et al., 2014

Polydeoxyribonucleotide (PDRN) stimulates wound healing by activation of A2A adenosine receptor
→ International Journal of Molecular Sciences

Bitto et al., 2008

Activation of A2A receptor by PDRN improves tissue repair
→ Journal of Biological Regulators & Homeostatic Agents

Kim et al., 2011

Effects of polydeoxyribonucleotide on collagen synthesis and skin regeneration
→ Archives of Dermatological Research

Sung et al., 2016

Anti-inflammatory and regenerative effects of PDRN in skin cells
→ Clinical, Cosmetic and Investigational Dermatology

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