

The holistic skin rejuvenator Epseama™



Mechanism

Epseama, by stimulating the newly explored long non-coding RNA “nc886”, which has a crucial role in preventing aging, reinvents skin rejuvenation. It maintains extracellular matrix integrity, in particular the dermal-epidermal junction, and regulates the inflammasome pathway responsible for inflammation. After only one month, on a mature skin panel, skin is moisturized, complexion unified and nasolabial wrinkles are outstandingly reduced.

INCI Name

Glycerin, Water, Laminaria Japonica Extract

Origin

Extract of Laminaria japonica seaweed from Geumil island, in South Korea

Use level

1-5% (clinical study: 3%)

Specifications

Appearance: yellow liquid
Odor: characteristic
Shelf life: 3 years

Compliance



Key properties

- Reduces nasolabial wrinkles
- Unifies skin tone by erasing all kind of spots
- Moisturizes skin

Key results

In-vitro	nc886 expression boosted:		
	Basal condition:	+34%] at 1%
	Under UVB stress:	+98%	
Ex-vivo	Inflammasome pathway inhibition:		
	Caspase 1 maturation:	-61%	at 2%
	Extracellular matrix and dermal-epidermal junction structure:		
	MMP-9:	-25%] at 3%
	Collagen IV:	+39%	
Collagen VII:	+132%		
Collagen XVII:	+209%		
Laminin 5:	+395%		
Clinical	Epidermal thickness and homeostasis:		
	CD 44:	+62%] at 3%
	Epidermis thickness:	+8%	
	On volunteers with wrinkles (aged over 50)		
	Age-related spots:	-10.1%] at 3% versus a placebo, after 4 weeks
Hydration:	+14.2%		
Nasolabial wrinkles:	-19%		
• Volume	-10%		
	• Roughness		

Tests

- In-vitro
- Ex-vivo
- Clinical

Distinctive signs

- > Newly explored epigenetic approach: first active to study long non-coding RNA contribution in aging
- > Strong proof of concept by showing the decline of nc886 on different skin explants from young to mature skins (*in situ* hybridization method)
- > Unique holistic anti-aging: chronoaging, photoaging and inflammaging
- > Targets nasolabial folds difficult to erase
- > Outstanding results after only 1 month on key aging skin changes
- > *Laminaria japonica* from “ugly food” sourcing

Contact

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Applications

- > Avant-garde anti-aging care
- > Rejuvenation night creams
- > Nasolabial anti-wrinkles and lip contour products

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