

RedoxySense™ W

- From Rice to Radiance
- Precision defence against oxidative stress



A product of Tribeaute Inc Japan



BIOTECH EDGE

RedoxySense™ is the intelligent redox balancer inspired by **Thioredoxin**, the “**mother molecule**” of cellular defence, naturally secreted from **Koji Yeast**. It is present in every human cell, Thioredoxin is the body’s own guardian against oxidative stress - the root cause of premature ageing.

Every visible sign of skin stress - redness, dryness, barrier loss - begins with an invisible trigger. Deep within, an internal stress sensor acts as a molecular switch, sparking inflammation the moment oxidative stress strikes.

Born from **advanced Thioredoxin research**, **RedoxySense™** strengthens this innate system, intercepting oxidative & immune stress at their initial trigger. By targeting the skin’s stress-switch at its source, it interrupts the cascade before damage becomes visible - keeping skin calmer, stronger, and visibly younger.

PRODUCT DETAILS

INCI name: Rice Ferment Filtrate	Recommended dosage: 0.1-0.2%	Key composition: Thioredoxin (over 1000 ppm)	Origin: Japanese sake rice
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APPLICATIONS :



Anti-ageing
formulation



Barrier-repair
formulations



Sensitive
skin solutions



Moisturizing
creams



After-sun
care



Pre and
post-procedure
skincare

KEY FEATURES :

POWERED BY ADVANCED THIOREDOXIN SCIENCE

- Activates skin’s own defence - works in harmony with its natural redox balance
- Intercepts stress at the source - halts oxidative & immune stress before inflammation begins
- Works in seconds - detects early oxidative signals instantly
- Prevents visible damage - stops redness, dryness, and barrier loss before they surface
- Slows skin ageing - tackles oxidative stress, the root cause of premature wrinkles
- Skin-compatible & gentle - biomimetic, non-irritating, ideal even for sensitive skin

WHAT IT BRINGS TO YOUR FORMULATION :

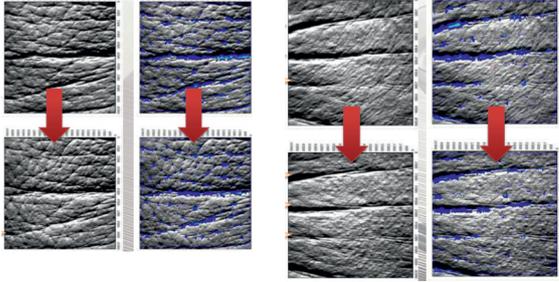
- Effective at 0.1 – 0.5% concentration
- Compatible with serums, creams, sunscreens
- Vegan, eco-conscious, and safe for sensitive skin
- Backed by scientific validation and efficacy assessment



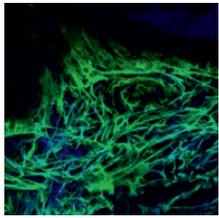
EFFICIENCY STUDIES:

Anti Wrinkle

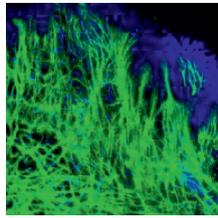
The Efficacy For Wrinkly Tail Eyes



Ex vivo

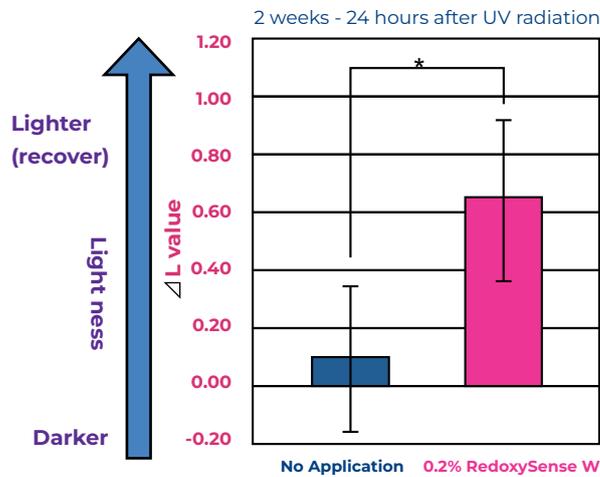


No treatment



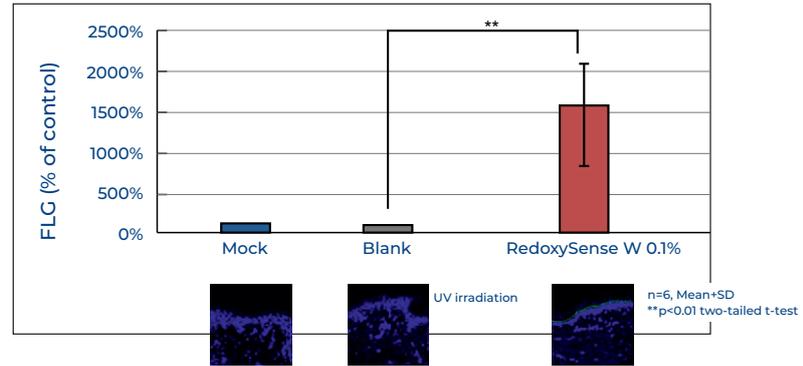
With RedoxySense W

Disappearance inflammation which is caused by UV radiation



Ex-vivo Filaggrin induction

- Skin explant (age=57y, F), UV radiated then treat with/ without samples and blank
- 48hr cultured, thereafter immunostained and quantify Filaggrin expression in comparing to control.

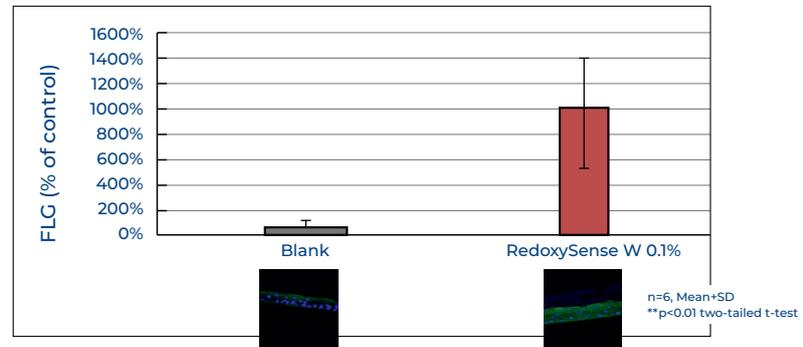


RedoxySense W induces Filaggrin for Skin barrier remodeling.

Ex-vivo Autophagy induction

3D Skin model

- 3D skin model treated with 0.1% RedoxySense W or blank formula.
- After it was cultured, stained to detect autophagosome. Measured LC3II expression ratio against control.



RedoxySense W induces LC33 II and activate autophagy.

CLINICALLY PROVEN BENEFITS :

- Protects sensitive skin and improves its firmness
- Works against neuro inflammaging
- Promotes Filaggrin protein expression for improved skin barrier integrity
- Improvement in keratinocytes
- Reduce inflammation caused by UV radiation & Decreases oxidative stress
- Reduce pigmentation and helps in skin brightening
- Supports skin regeneration
- Visibly smooths fine lines and improves firmness in 4 weeks
- Non-comedogenic, dermatologist-tested

CERTIFICATIONS :



Certified by
The Vegan Society