



FGF2-STAB[®] Cosmetics

Stabilized Fibroblast Growth Factor 2 is a revolutionary anti-aging ingredient that solves the instability of growth factors in cosmetics



FGF2-STAB[®]

Lyophilized protein
Size: 5 mg
Lot #: 220519



Enantis

Reconstitute by adding
of water to each vial

FGF2-STAB® Cosmetics

WHAT DOES IT DO?

- ✔ Anti-aging ingredient
- ✔ Maintains skin hydration
- ✔ Enables skin softening
- ✔ No stabilizing additives
- ✔ Clinically tested
- ✔ Cost-effective

FGF2-STAB® can be used in cosmetic formulations such as creams, gels, serums, etc. The recommended concentration of FGF2-STAB® in the final formulation is 0.001% (10 µg/ml).



FGF2-STAB® outperforms native forms of growth factors due to its significantly improved stability

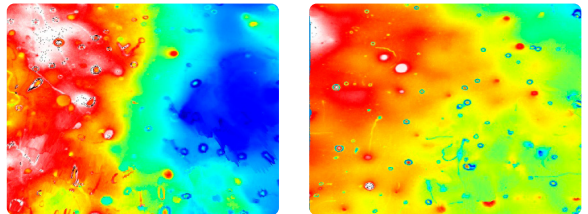


CLINICAL EFFICACY DATA

IMPROVED SKIN AESTHETICS



SKIN SURFACE NORMALIZATION



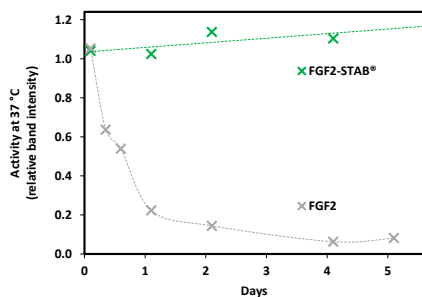
LOWER SKIN ROUGHNESS



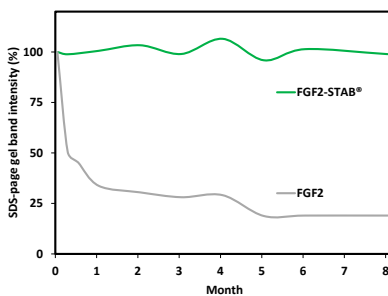
FGF2-STAB® VS FGF2

	FGF2	FGF2-STAB®	FGF2-STAB® BENEFITS
ACTIVITY at 37°C	<10 hours	>20 days	More stable during biological processes
STABILITY at 25°C	<1 month	>8 months	Stable for a longer period (transportation and storage)
ACTIVITY (ED₅₀)	5.0 ng/ml	1.1 ng/ml	Lower concentration required (reduced costs)
MELTING TEMP.	54 °C	73 °C	Stable at higher temperature (heating during production)

HIGHER STABILITY OF FGF2-STAB®



→ Significantly prolonged biological activity of FGF2-STAB® at 37 °C.



→ Concentration of native FGF2 rapidly drops in 1 week at 25 °C, while FGF2-STAB® is stable for several months.

→ Ongoing 2-year long-term stability testing.

FGF2-STAB® SPECIFICATION

INCI:	SH-POLYPEPTIDE-1
CAS NUMBER:	106096-93-9
APPEARANCE:	White crystalline powder
FORMULATION:	Freeze-dried from the filtered solution, buffer: 20 mM potassium phosphate and 250 mM sodium chloride, pH 7.5
PH RANGE:	5.8–7.5

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