

Curcuma Longa Exosome

BIOTECH EDGE

Curcuma Longa Exosome **embodies the essence of turmeric's golden vitality through advanced exosomal biotechnology.** Derived from turmeric root vesicles, it channels curcumin-rich healing intelligence deep into the skin to regenerate, soothe, and fortify its natural defense system. Scientifically proven to **stimulate collagen synthesis** and suppress inflammatory mediators, this next-generation exosomal active restores elasticity, refines texture, and enhances radiance from within unleashing the skin's innate power of renewal and resilience.



Curcuma Longa Exosome is a plant-derived bioactive complex obtained from turmeric rhizome vesicles. It delivers the renowned anti-inflammatory, antioxidant, and regenerative potency of turmeric via precision exosomal delivery. This intelligent system promotes collagen formation, reinforces the extracellular matrix, and reduces inflammatory triggers for visibly calmer, firmer, and revitalized skin.

PRODUCT DETAILS

INCI name:

Curcuma Longa (Turmeric) Rhizome Vesicles, Water, 1,2-Hexanediol

Exosome particles:

>1x10⁸ particles/ml

Appearance:

Clear to pale yellow solution

Recommended Dosage:

1 - 2%

APPLICATIONS :



Radiance and brightening serum



Complexion correcting cream



Pigment reducing gel



Acne/blemish gel



Barrier strengthening and readjusting treatments

KEY FEATURES :

- Harnesses turmeric's bioactive compounds via exosomal biotechnology
- Stimulates collagen synthesis and ECM remodeling for structural support
- Provides cellular antioxidant protection
- Enhances dermal regeneration and resilience

WHAT IT BRINGS TO YOUR FORMULATION :

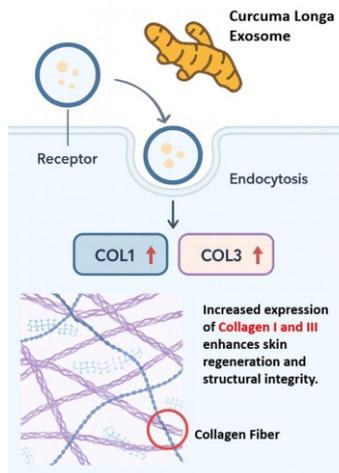
- Delivers smoother, softer, and more resilient skin texture
- Calms redness and irritation for improved skin comfort
- Supports anti-aging and antioxidant performance
- Adds a natural radiant glow without imparting any visible tint, due to its transparent exosomal formulation



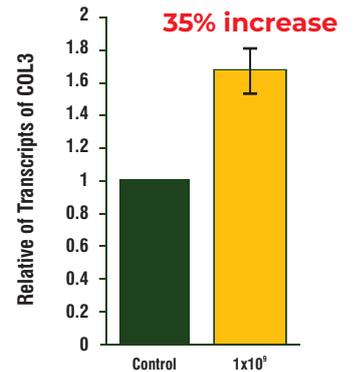
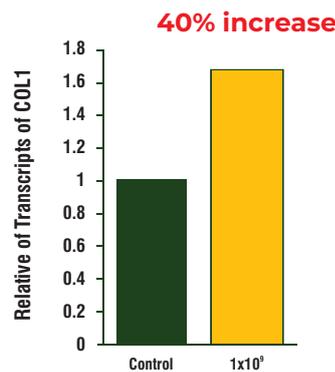
EFFICACY STUDIES :

Research confirms that the exosomal fraction from Curcuma Longa stimulates collagen synthesis and suppresses inflammatory mediators, accelerating visible regeneration and calming skin reactivity. Continuous application restores elasticity, reinforces the barrier, and enhances overall smoothness and radiance.

• Boosts collagen synthesis and enhances elasticity.

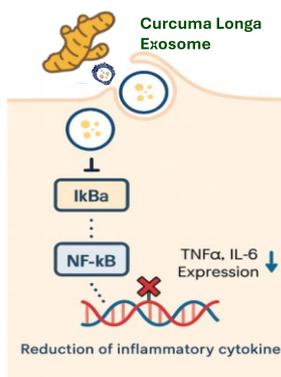


Promotes collagen synthesis and ECM remodeling for visibly improved elasticity.

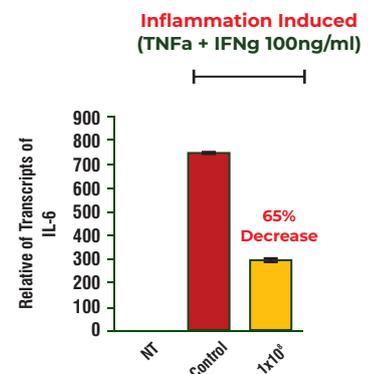
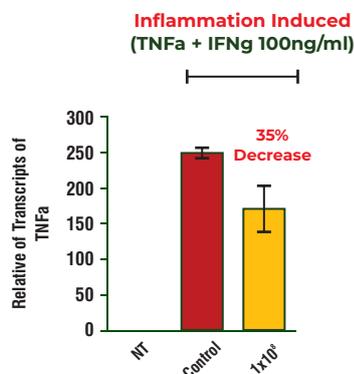


Turmeric exosomes boost key gene expression by 85%, proven to regenerate skin

• Suppresses TNF-α and IL-6 to soothe irritation and repair damage.



Treatment with turmeric exosomes suppressed the inflammatory response induced by TNF-α and IFN-γ



Turmeric exosomes inhibit pro-inflammatory factors by up to 65%. Effectively Repairs Skin Damage!

CLINICALLY PROVEN BENEFITS :

- **Regeneration:** Stimulates collagen synthesis and extracellular matrix renewal for enhanced elasticity.
- **Anti-inflammatory efficacy:** Inhibits TNF- and IL-6 by up to 65% to soothe irritation and redness.
- **Antioxidant defense:** Protects cells from oxidative stress and environmental damage.
- **Barrier strengthening:** Reinforces skin resilience for smoother, firmer texture
- **Radiance renewal:** Revives dull skin with a natural golden glow and visible vitality.