

G E L T O R

Elastapure™

Human Elastin.
Biodesigned in California.



Pure human elastin, biodesigned for maximum skin resiliency

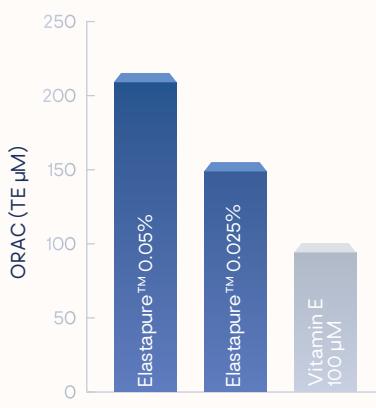
A key element of human skin, elastin brings the gift of elasticity through its unique ability as a protein to stretch and recoil. However, like many of the other building blocks of human skin, production of elastin naturally decreases with the passage of time. Through Elastapure™, Geltor has unlocked the world's only human elastin ingredient for topical skincare, available for the first time in unmatched purity and biocompatibility. Elastapure™ is biodesigned and manufactured in the USA, in a sustainable fermentation process using zero human or animal inputs.

CERTIFICATIONS	Halal Certified	PETA Certified
Available in 2% solution. Preservation system information available upon request.		INCI: sh-polypeptide-50

SELECT *in vitro* TEST RESULTS*

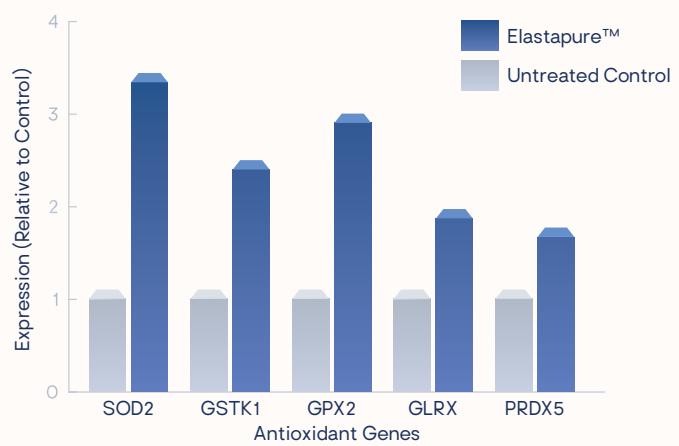
OXYGEN RADICAL ABSORBANCE CAPACITY (ORAC)

The anti-oxidative capacity of 0.05% Elastapure™ is higher than 200 µM Trolox (Trolox = Vitamin E; TE = Trolox Equivalent).



ANTIOXIDANT GENE EXPRESSION

Elastapure™ stimulates expression of many antioxidant genes in human keratinocytes.

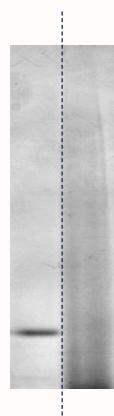


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ELASTAPURE™ FEATURES

- The first ever vegan human elastin designed specifically for topical skincare
- The largest molecular weight elastin available on the market
- High uniformity and purity, unlike animal-derived hydrolyzed elastins
- Biodesigned to avoid known protease-stimulating sequences
- Antioxidant properties
- Stimulates antioxidant genes in skin cells
- Vegan and Halal certified
- Cruelty-free certified and has never been tested on animals
- Free of any known allergens
- Free of phthalates, parabens, triclosan, urea and BHT/BHA



Competitor Elastin

Elastapure

Elastapure™ appears as a single band when analyzed using SDS-PAGE, indicating high purity and homogeneity. This contrasts with commercially-available elastins, which are hydrolyzed and thus heterogeneous.



Geltor is the biodesign company that audaciously imagines and deeply explores all the possibilities that the tree of life has to offer. With the customer benefit at the forefront of each step of the development process, Geltor has created the largest selection of designer proteins crafted with unparalleled biocompatibility and functionality. These proteins are 100% animal-free, globally scalable, and sustainably cultivated. Geltor's products are the result of endless curiosity and ceaseless optimization, clinically demonstrated for high performance.

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