



## PNExo<sup>TM</sup> Exosome-Ulva lactuca

Catalog: PNE-AUL23

## PRODUCT INFORMATION

Name	PNExo™ Exosome-Ulva lactuca
Cat No.	PNE-AUL23
Source	Ulva lactuca
Product Overview	PNExo™ Exosome Series (Exosomes isolated from Algaes) are nanosized (30-150 nm) membrane vesicles ex
	racted from Algae, rich in bioactive molecules and proteins, including Rhodophyta, Phaeophyceae, Chlorophy
	a, and Cyanophyta. These naturally derived nanoparticles contain a variety of bioactive molecules and protein
	s, which have been proven to offer numerous benefits in skincare, drug delivery, and biomedicine. Algae exoso
	mes, with their antioxidant, anti-inflammatory, and anti-aging properties, have become an attractive option for
	the development of innovative therapies. Natural substances derived from algae are widely used as cosmetic in
	gredients because they provide benefits to human skin, such as anti-aging, moisturizing, whitening, regeneration
	n, and nutritional supply. Moreover, they have the potential to deliver therapeutic compounds to target cells, w
	hich could revolutionize drug administration methods. Overall, algae-derived exosomes hold significant promi
	se for a broad spectrum of applications in the fields of medicine and biotechnology. PNExo $^{\text{TM}}$ is dedicated to t
	he production and delivery of high-quality algae-derived exosome products. PNExo™ products undergo a rigo
	rous screening and purification process to ensure their high purity and activity. We can provide both lyophilize
	d powder or frozen liquid according to customer requirements. lyophilized powder is beneficial for long-term
	torage at 4°C, while frozen liquid should be maintained at temperatures between -20°C and -80°C. Ultracentrif
	ugation and PEG precipitation have been maturely applied to exosome isolation, and we also possess TFF tech
	nology, mainly used for large-scale separation and production of exosomes. Creative Biostructure PNExo™ ex
	osome products guarantee higher purity and quality, and we can provide exosome GMP production and CDM
	O services to meet our customers' research and production needs.
Form	Lyophilized powder / Frozen Liquid
Concentration	> 1x10^6 particles
Storage	Lyophilized powder store at 4 °C. Frozen liquid store at -20°C to -80°C. Recommended to avoid repeated free
	e-and-thaw cycles.
Reconstitution	Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge before
	e opening to ensure exosomes are at bottom, resuspend exosomes by pipetting and/or vortex, please avoid bub
	bles. Centrifuge again and mix well for using.
Efficacy	Anti-inflammatory, Antioxidant, Hydrating

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