

## PNExo<sup>TM</sup> Exosome-Straw mushroom

Catalog: PNE-VS53

## **PRODUCT INFORMATION**

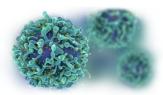
| Name             | PNExo <sup>TM</sup> Exosome-Straw mushroom   |
|------------------|--|
| Cat No.          | PNE-VS53   |
| Source           | Exosome derived from Straw mushroom  |
| Product Overview | Plant exosomes are nanosized (30-150 nm) membrane vesicles that contain biomolecules. Plant-derived exoso  |
|                  | mes refer to naturally occurring nanoparticles derived from plants that contain bioactive molecules and protein  |
|                  | s. These exosomes have been shown to have multiple benefits in a variety of applications, such as skincare, dru  |
|                  | g delivery, and biomedicine. Plant-derived exosomes have been found to possess antioxidant, anti-inflammator   |
|                  | y, and anti-aging properties, making them an attractive option for the development of new and innovative thera   |
|                  | pies. Plant-derived natural substances are widely used as cosmeceutical materials because they exert beneficial  |
|                  | effects on the human skin, such as antiaging, moisturizing, whitening, regeneration, and nutritional supply. Bes   |
|                  | ides, they could delivery therapeutic compounds to target cells, potentially revolutionizing the way in which dr   |
|                  | ugs are administered. Overall, plant-derived exosomes hold great promise for a wide range of applications in the   |
|                  | e fields of medicine and biotechnology. $PNExo^{TM}$ is focused on the production and delivery of high quality plants of the production of the production and delivery of high quality plants. |
|                  | nt-derived exosomes products. Exosomes are important tools of intercellular communication with a variety of  |
|                  | biological functions, including cell regeneration and immune regulation. PNExo $^{\text{TM}}$ products undergo a rigorou   |
|                  | s screening and purification process that guarantees their high purity and activity. Lyophilization is useful for a  |
|                  | long-term storage at 4°C, and frozen liquid should be kept at -20°C to -80°C. Ultracentrifugation and precipitate  |
|                  | ion techniques are mainly used in exosome Isolation. It had been reported that both methods yielded extracellul  |
|                  | ar vesicles in the size range of exosomes and included apoproteins, which can be used in downstream analyses.  |
|                  | $Creative\ Biostructure\ PNExo^{TM}\ exosome\ products\ guarantee\ higher\ purity\ and\ quality\ to\ meet\ our\ customer\ re$  |
|                  | search.  |
| Form             | Lyophilized powder   |
| Concentration    | > 1x10^6 particles   |
| Storage          | Lyophilized powder store at 4 °C. Frozen liquid store at -20°C to -80°C. Recommended to avoid repeated freez   |
|                  | e-and-thaw cycles.   |
| Reconstitution   | Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge befor   |

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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.