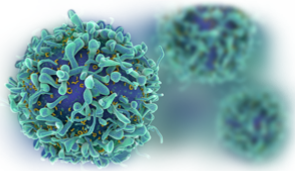

HQExo™ Exosome-Seaberries

Catalog: Exo-PDELN05

PRODUCT INFORMATION

Name	HQExo™ Exosome-Seaberries
Cat No.	Exo-PDELN05
Source	Exosome derived from Seaberries
Product Overview	Exosomes are nanosized vesicles (30-160 nm) secreted by exocytosis by most cell types and contain specifical cargos, such as RNAs, lipids, and proteins. The cargos amount and composition of exosomes depend on the cel l type from which they are released, which making them useful for biomarker discovery and functional charact erization. Exosomes have been isolated plant, which comprises various bioactive biomolecules. As an alternati ve cell-free therapeutic approach, plant drived exosome particles have the enormous potential in drug delivery system. HQExo™ standard exosomes could use as positive controls for exosome isolation and functional resea rch, such as ELISA, FACS, WB. Lyophilization is useful for a long-term storage at 4°C, and frozen liquid sho uld be kept at -20°C to -80°C. Ultracentrifugation and precipitation techniques are mainly used in exosome Iso lation. It had been reported that both methods yielded extracellular vesicles in the size range of exosomes, whic h can be used in downstream analyses. Nanoparticles Tracking Analysis (NTA) is used for measuring exosome particles concentration. Creative Biostructure standard exosome products guarantee higher purity and quality t o meet our customer research.
Form	Lyophilized powder/ frozen liquid
Concentration	>1x10^8 particles
Storage	Store at -20°C or colder. Recommend to avoid repeated freeze-and-thaw cycles.
Reconstitution	Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge befor 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.

45-1 Ramsey Road, Shirley, NY 11967, USA Tel:1-631-317-1417 Fax:1-631-207-8356

Email: info@creative-biostructure.com

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