



HQExoTM Exosome-SDH-Head and Neck Cancer Plas ma exosome

Catalog: Exo-HDBF-17

PRODUCT INFORMATION

Name	HQExo™ Exosome-SDH-Head and Neck Cancer Plasma exosome
Cat No.	Exo-HDBF-17
Source	Exosome derived from Single Donor Human Head and Neck Cancer Plasma
Product Overview	Exosomes are nanosized vesicles (30-160 nm) secreted by exocytosis by most cell types and contain specifica cargos, such as RNAs, lipids, and proteins. The cargos amount and composition of exosomes depend on the cargos are cargos, such as RNAs, lipids, and proteins.
	l type from which they are released, which making them useful for biomarker discovery and functional characteristics.
	erization. Exosomes can deliver a variety of specific proteins, lipids and nucleic acids contained in them to ne
	rby or distant target cells, and play the role of intercellular information exchange, thereby participating in the
	egulation of multiple physiological and pathological processes in the human body. Studies have shown that ex-
	osomes are related to the transport and release of characteristic molecules related to various diseases. The stu-
	y of exosome from human disease-state body fluids will help us to systematically understand the relationship
	etween exosomes and the occurrence and development of diseases. HQExo™ standard exosomes could use a
	positive controls for exosome isolation and functional research, such as ELISA, FACS, WB. Lyophilization i
	useful for a long-term storage at 4°C, and frozen liquid should be kept at -20°C to -80°C. Ultracentrifugation
	nd precipitation techniques are mainly used in exosome Isolation. It had been reported that both methods yiel
	ed extracellular vesicles in the size range of exosomes and included apoproteins, which can be used in downs
	eam analyses. Nanoparticles Tracking Analysis (NTA) is used for measuring exosome particles concentration
	and WB or ELISA can be used in exosomal biomarkers analysis. Creative Biostructure standard exosome pro
	ucts guarantee higher purity and quality to meet our customer research.
Description	Human cancer-state Biofluids exosome, Human derived EV
Form	Lyophilized powder/ frozen liquid
Concentration	>1x10^6 particles
Storage	Store at -20°C or colder. Recommend to avoid repeated freeze-and-thaw cycles.
	Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge before
Reconstitution	Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge bef e opening to ensure exosomes are at bottom, resuspend exosomes by pipetting and/or vortex, please avoid bul

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