



HQExoTM **Exosome-SK-BR-3**

Catalog: Exo-CH24

PRODUCT INFORMATION

Name	HQExo™ Exosome-SK-BR-3
Cat No.	Exo-CH24
Source	Exosome derived from human breast carcinoma cell line (SK-BR-3)
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 co
	l type from which they are released, which making them useful for biomarker discovery and functional charac
	erization. Exosomes have been isolated from cancer cell lines (human and mouse), which helps understand tur
	or growth microenvironments. Exosome derived from enormous model human cancer cell lines to improve the
	studies of tumor growth and invasion signaling pathways as well as how these tumor exosomes function and §
	t an insight into antitumor research.HQExo TM standard exosomes could use as positive controls for exosome in
	olation and functional research, such as ELISA, FACS, WB. Lyophilization is useful for a long-term storage
	4°C, and frozen liquid should be kept at -20°C to -80°C. Ultracentrifugation and precipitation techniques are
	ainly used in exosome Isolation. It had been reported that both methods yielded extracellular vesicles in the si
	e range of exosomes and included apoproteins, which can be used in downstream analyses. Nanoparticles Tra
	king Analysis (NTA) is used for measuring exosome particles concentration, and WB or ELISA can be used
	exosomal biomarkers analysis. Creative Biostructure standard exosome products guarantee higher purity and
	uality to meet our customer research.
Form	Lyophilized powder/ frozen liquid
Concentration	> 1x10^8 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 bul
	bles. Centrifuge again and mix well for using.

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