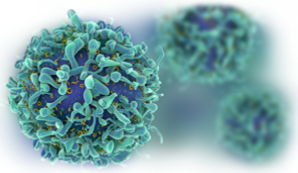

HQExo™ Exosome-K-562

Catalog: Exo-CH11

PRODUCT INFORMATION

Name	HQExo™ Exosome-K-562
Cat No.	Exo-CH11
Source	Exosome derived from human pleural effusion, leukemia chronic myelogenous (K-562 cell line)
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 from cancer cell lines (human and mouse), which helps understand tum 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 ge t an insight into antitumor research. HQExo™ standard exosomes could use as positive controls for exosome is olation and functional research, such as ELISA, FACS, WB. 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 precipitation techniques are m ainly used in exosome Isolation. It had been reported that both methods yielded extracellular vesicles in the siz e range of exosomes and included apoproteins, which can be used in downstream analyses. Nanoparticles Trac king Analysis (NTA) is used for measuring exosome particles concentration, and WB or ELISA can be used in exosomal biomarkers analysis. Creative Biostructure standard exosome products guarantee higher purity and q uality to meet our customer research.
Form	Lyophilized powder/ frozen liquid. Reconstitute lyophilized exosome by adding deionized water for a desired f inal concentration. Centrifuge before opening to ensure exosomes are at bottom, resuspend exosomes by pipett ing and/or vortex, please avoid bubbles. Centrifuge again and mix well for using.
Concentration	> 1x10^8 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.

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