



HQExoTM **Exosome-milk**

Catalog: Exo-BF05

PRODUCT INFORMATION

Name	HQExo™ Exosome-milk
Cat No.	Exo-BF05
Source	Exosome derived from milk
Product Overview	Exosomes (30–160 nm) are a unique subpopulation of extracellular vesicles (EVs) that mediate long-distance i ntercellular communications in various biological processes. They can be found in various body fluids includin g plasma, malignant ascites, urine, amniotic fluid, saliva and milk, which contains a tissue-specific signature w herein a rich cargo of proteins, RNAs, cytokines and lipids are selectively packaged. Exosome could serve as a n emerging platform for diagnostics and drug delivery system. HQExo TM exosomes derived from milk could u se as positive controls for exosome isolation and functional research, such as ELISA, FACS, WB. One liters of milk per day can produce huge amounts of exosomes compared to cell lines or other body fluids, which is high ly recommended for therapeutic applications. Exosome can be purified by ultracentrifugation and characterized by nanoparticles tracking analysis (NTA) and ELISA or WB. Lyophilization is useful for a long-term storage a t 4°C, and frozen liquid should be kept at -20°C to -80°C. Creative Biostructure standard exosome products gu arantee higher purity and quality to meet our customer's downstream analyses.
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.