



HQExoTM **Exosome-CD81-BFP**

Catalog: Exo-GC12

PRODUCT INFORMATION

Name	HQExo™ Exosome-CD81-BFP
Cat No.	Exo-GC12
Source	Exosome derived from human embryonic kidney cell line (HEK293, CD81-BFP)
Product Overview	Exosomes are small extracellular vesicles with sizes of 30-160 nm, which is a subtype of extracellular vesicles (EVs). Exosomes are secreted by all cell types and play a crucial role in intercellular signaling and communica tion. Exosomes are nano-sized shuttles that transport signaling RNAs, lipids, peptides and proteins to other cell s. Studying exosome contents to get an insight into their roles in disease initiation and progression. HQExo TM e xosomes derived from human embryonic kidney cell line (HEK293) could use as positive controls for exosome isolation and functional research, such as ELISA, FACS, WB. Exosome can be purified by ultracentrifugation and characterized by nanoparticles tracking analysis (NTA) and ELISA or WB. Lyophilization is useful for a l ong-term storage at 4°C, and frozen liquid should be kept at -20°C to -80°C. Creative Biostructure standard ex osome products guarantee higher purity and quality to meet our customer's downstream analyses.
Form	Lyophilized powder/ frozen liquid
Concentration	>1x10^9 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.
Reconstitution	Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge before opening to ensure exosomes are at bottom, resuspend exosomes by pipetting and/or vortex, please avoid bubbles. Centrifuge again and mix well for using.

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