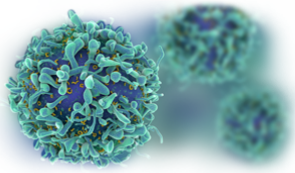

HQExo™ Exosome-CD81-EGFP

Catalog: Exo-GC08

PRODUCT INFORMATION

Name	HQExo™ Exosome-CD81-EGFP
Cat No.	Exo-GC08
Source	Exosome derived from human embryonic kidney cell line (HEK293, CD81-EGFP)
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 communication. Exosomes are nano-sized shuttles that transport signaling RNAs, lipids, peptides and proteins to other cells. Studying exosome contents to get an insight into their roles in disease initiation and progression. HQExo™ exosomes 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 long-term storage at 4°C, and frozen liquid should be kept at -20°C to -80°C. Creative Biostructure standard exosome 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 freeze-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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