



HQExo™ Exosome-665-COLO

Catalog: Exo-F665-COLO

PRODUCT INFORMATION

Name	HQExo™ Exosome-665-COLO
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Cat No.	Exo-F665-COLO
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Source	Fluorescent labeled exosome derived from human colon carcinoma (COLO1 cell line)
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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/microvesicles labeled with a lipid dye could use as positive controls for FACS and fluorescence microscopy. 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	Frozen liquid
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Concentration	>1x10 ¹⁰ particles
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Storage	Store at -20°C or colder. Recommend to avoid repeated freeze-and-thaw cycles.
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USAGE GUIDELINES

General	Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.
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Storage	Short term: +2°C to +8°C Long term: -80°C
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Stability	n.a.
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Freezing	Can be frozen, but avoid multiple freeze/thaw cycles.
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