



## **HQExo**<sup>TM</sup> **Exosome-488-U87MG**

Catalog: Exo-F488-U87MG

## PRODUCT INFORMATION

Name	HQExo™ Exosome-488-U87MG
Cat No.	Exo-F488-U87MG
Source	Fluorescent labeled exosome derived from human glioblastoma astrocytoma (U87 MG cell line)
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 <sup>TM</sup> e xosomes/microvesicles labeled with a lipid dye could use as positive controls for FACS and fluorescence micr oscopy. 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 k ept 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	>1x10^6 particles
Storage	Store at -20°C or colder. Recommend to avoid repeated freeze-and-thaw cycles.