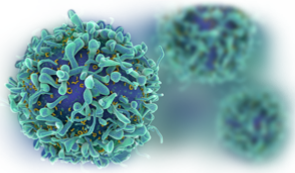

NBD-DOPE Fluorescent DOTMA/DOPE Cationic Liposome

Catalog: Lipo-188RG

PRODUCT INFORMATION

Name	NBD-DOPE Fluorescent DOTMA/DOPE Cationic Liposome
Cat No.	Lipo-188RG
Product Overview	Cationic liposomes are traditionally used for the delivery of genetic materials such as various types of DNA (pDNA, cDNA, CpG DNA, oligonucleotide, antisense oligonucleotide, etc.), various types of RNA such as (siRNA, mRNA, etc.) and nucleic acid mimics (NAMs). DOTMA is a kind of lipid which has one positive charge per MOLECULE. Using DOTMA in liposome can neutralize the negative charge of pDNA with positive charge of cationic lipids in order to capture more plasmid efficiently mainly due to electrostatic interaction and deliver them into the cells.
Lipid Composition	DOTMA/DOPE (2/2 mM) DOTMA: 1,2-di-O-octadecenyl-3-trimethylammonium propane (chloride salt) DOPE: 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine
Form	Liquid
Storage Buffer	Deionized RNAse-free Water, pH 7
Concentration	Lipid Concentration 4mM
Stability	2 months
Storage	2 °C to 8 °C (do not freeze)

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