



Positive Charge Microbubble

Catalog: MBF-09PC

Plain microbubble functionalized with a positive charged phospholipid on the surface, which could use in DNA/RNA transfection

PRODUCT INFORMATION

Product Name	Positive Charge Microbubble
Catalog Number	MBF-09PC
Product Overview	Plain microbubble functionalized with a positive charged phospholipid on the surface, which could use in DNA/RNA transfection
Application	Targeted capture Ultrasonic sorting Molecular imaging Drug/gene delivery
Concentration	>2.5E10 microbubbles/ml
Storage	2-8°C for up to 6 months
Size Distribution	1.1-1.4µm
Product Size	12 ml (0.8 ml per vial)
Shipping	Room temperature

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
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Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.