



Microbubble-C4F10

Catalog: MBE-02C

Plain microbubble contains perfluorobutane (C4F10)

PRODUCT INFORMATION

Product Name	Microbubble-C4F10
Catalog Number	MBE-02C
Product Overview	Plain microbubble contains perfluorobutane (C4F10)
Application	Plain microbubble contains perfluorobutane (C4F10)
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.
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.