



mCherry-mRNA Lipid Nanoparticle (LNP), Control

Catalog: BSLNP-011Z

This product encapsulates 50µg/mL mCherry mRNA in lipid nanoparticles. mCherry is a monomeric fluorophore with a peak absorption at 587 nm and emission at 610 nm. It is stable and resistant to photobleaching.

PRODUCT INFORMATION

Product Name	mCherry-mRNA Lipid Nanoparticle (LNP), Control
Catalog Number	BSLNP-011Z
Product Overview	This product encapsulates 50µg/mL mCherry mRNA in lipid nanoparticles. mCherry is a monomeric fluorophore with a peak absorption at 587 nm and emission at 610 nm. It is stable and resistant to photobleaching.
Form	Liquid
Storage Buffer	PBS
Storage	Store at 4°C

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.