

PRODUCT INFORMATION

GFP mRNA LNP

v. 250901

Catalog number	CR00040-100UG
Package	100 µg
Description	GFP mRNA_LNP is a high-performance lipid nanoparticle (LNP) system designed for efficient intracellular delivery and expression of mRNA. The formulation contains GFP-encoding mRNA, enabling rapid and reliable fluorescence expression across a wide range of applications, including cell transfection and delivery validation, transfection efficiency monitoring, formulation optimization, and <i>in vivo</i> targeted delivery and tracking.
mRNA length	1332 nt
Base Composition	N1-Me-pUTP (N1-mψ)
Concentration	200 µg/mL
Cap Modification	Cap 1 structure
Poly A tail	Yes
Form	Liquid
Buffer	Tris Sucrose buffer, pH 7.4.
Storage	Products can be stored at -80°C or below. We recommend to aliquot the mRNA solution for a better storage. Avoid repeated freeze/thaw cycles.
Shipping	The products are shipped on dry ice and should be avoided for freeze-thaw cycles.
Application	Reporter Genes

For Research Use Only. Not for use in diagnostic or therapeutic procedures.