

PRODUCT INFORMATION

GFP saRNA LNP

v. 251001

Catalog number	CR00041-100UG
Package	100 µg
Description	saGFP-LNP is a ready-to-use self-amplifying mRNA (saRNA) encoding Green Fluorescent Protein (GFP), encapsulated in advanced lipid nanoparticles (LNPs). Designed as a powerful tool for evaluating saRNA delivery, expression efficiency, and long-term protein production, it supports applications such as benchmarking against conventional mRNA reporters, assay development, transfection efficiency testing, and research in vaccine and therapeutic saRNA development.
mRNA length	8476 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.