

mCherry mRNA (N1-Me-Pseudo UTP)

Catalog No. CT119

Overview

mCherry mRNA (N1-Me-Pseudo UTP) is expressed in cells after transfection to produce the red fluorescent protein mCherry. This protein is a derivative of the red fluorescent protein DsRed originally isolated from *Discosoma* species (sea anemones). mCherry is a monomeric fluorescent protein with an excitation maximum at 587 nm and an emission maximum at 610 nm. Due to its excellent photostability, it is widely used in biology for molecular labeling and cellular localization studies. This product can serve as a positive control for mRNA transfection, or be used for screening and validation of delivery vectors, as well as for verification of expression systems and manufacturing processes.

Composition

| Specification | CT119-01 | CT119-10 | CT119-100 |
|---------------------------------|----------|----------|-----------|
| mCherry mRNA (N1-Me-Pseudo UTP) | 100 µg | 500 µg | 1 mg |

Information

| | |
|---------------------|---------------------------------|
| Product Name | mCherry mRNA (N1-Me-Pseudo UTP) |
| mRNA Length | 979 nt |
| Concentration | 2 mg/mL |
| Storage buffer | MilliQ water |
| Storage Temperature | -80°C to -65°C |
| Shipping Conditions | Shipped on dry ice |

Applications

1. Optimization of formulation or manufacturing process
2. Screening and validation of delivery vectors
3. Positive control
4. Verification of expression systems

Notes

This product is for research use only. It is not intended for use in human or veterinary diagnosis or therapy.



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