

CATUG mCherry mRNA (N¹-Me-Pseudo UTP)

Catalog No. CT119

Product Summary

mCherry mRNA (N¹-Me-Pseudo UTP) is an mRNA molecule that allows for the expression of the red fluorescent protein mCherry when transfected into cells. mCherry is derived from the red fluorescent protein DsRed, which was originally isolated from the sea anemone *Discosoma*. It is a monomeric fluorophore with a maximum absorption wavelength at 587 nm and a maximum emission wavelength at 610 nm. mCherry exhibits excellent photostability and is widely used for molecular labeling and cellular component localization in biological research. This product can serve as a positive control for mRNA transfection, and further be used for screening and validation of delivery formulations or expression systems.

Unit Size

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

Product Information

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 Condition	Gel coolant/dry ice

Product Applications

1. Analytical or process development
2. Formulation screening or validation
3. Expression system validation

Notes

This product is for research use only and is not intended for diagnostic or therapeutic use in human.

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