

CatPure™ mCherry-Cy5 mRNA

Catalog No. CT119-Cy5

Product Summary

CatPure™ Cy5 mCherry mRNA (N¹-Me-Pseudo UTP) emits bright, far-red fluorescence upon excitation at 651nm, and is also capable of expressing red fluorescent protein (mCherry) within cells, organoid, or *in vivo*. Cy5 fluorescence tracks the location of mRNA while fluorescence from mCherry protein demonstrates successful translation. It can be used for screening lipid nanoparticle formulations or other delivery systems.

Unit Size

Product Name	CT119-Cy5-100	CT119-Cy5-1000
CatPure™ mCherry-Cy5 mRNA	100 µg	1 mg

Product Information

Name	Cy5 mCherry mRNA (N ¹ -Me-Pseudo UTP)
mRNA length	979 nt
Concentration	1.0 mg/mL
Storage Buffer	MilliQ water
Storage Temperature	below -60 °C
Shipping Condition	Gel coolant/dry ice

Product Applications

1. Analytical development
2. Formulation screening
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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