

## CATUG RLuc mRNA (N<sup>1</sup>-Me-Pseudo UTP)

Catalog No. CT097

### Product Summary

RLuc mRNA (N<sup>1</sup>-Me-Pseudo UTP) is a Renilla Luciferase encoded mRNA sequence, which can express the bioluminescent protein in cells after transfection. The protein was originally extracted from sea pansy (*Renilla reniformis*). Renilla luciferase can catalyze the oxidation of substrate coelenterazine, resulting in blue light emission at a wavelength of 480nm, and the light intensity is directly proportional to the expression level of RLuc. 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

	CT097-01	CT097-10	CT097-100
RLuc mRNA (N <sup>1</sup> -Me-Pseudo UTP)	100 µg	500 µg	1 mg

### Product Information

<b>Name</b>	<b>RLuc mRNA (N<sup>1</sup>-Me-Pseudo UTP)</b>
mRNA length	1198 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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