

CATUG GLuc mRNA (N¹-Me-Pseudo UTP)

Catalog No. CT084

Product Summary

GLuc mRNA (N¹-Me-Pseudo UTP) is a Gaussia luciferase encoded mRNA sequence, which can express the bioluminescent protein in cells after transfection. The protein was originally extracted from marine copepod (*Gaussia princeps*). Gaussia luciferase can catalyze the oxidation of substrate coelenterazine, resulting in light emission at a wavelength of 480nm, and the light intensity is directly proportional to the expression level of GLuc. 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

	CT084-01	CT084-10	CT084-100
GLuc mRNA (N ¹ -Me-Pseudo UTP)	100 µg	500 µg	1 mg

Product Information

Name	GLuc mRNA (N¹-Me-Pseudo UTP)
mRNA length	818 nt
Concentration	1 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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