

CATUG Beta gal mRNA (N¹-Me-Pseudo UTP)

Catalog No. CT110

Product Summary

Beta gal mRNA (N¹-Me-Pseudo UTP) enables the expression of beta-galactosidase (β -gal) in cells after transfection. β -galactosidase is the protein product of the LacZ gene from Lactobacillus, capable of catalyzing the conversion of β -galactoside into monosaccharides. In molecular biology, β -gal is commonly used as a marker gene to assess transfection efficiency. 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

	CT110-01	CT110-10	CT110-100
Beta gal mRNA (N ¹ -Me-Pseudo UTP)	100 μ g	500 μ g	1 mg

Product Information

Name	Beta gal mRNA (N ¹ -Me-Pseudo UTP)
mRNA length	3406 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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