

Beta-Gal mRNA (N1-Me-Pseudo UTP)

Catalog No. CT110

Overview

After transfection, Beta-Gal mRNA (N1-Me-Pseudo UTP) is expressed in cells to produce β -galactosidase (β -gal). β -Galactosidase is the protein product of the LacZ gene from Lactobacillus, and it catalyzes the hydrolysis of β -galactosides into monosaccharides. In molecular biology, β -gal is commonly used as a reporter gene for assessing transfection efficiency. This product can serve as a positive control for mRNA transfection and is suitable for formulation screening and validation of delivery systems, as well as for verification of expression systems and manufacturing processes.

Composition

Specification	CT110-01	CT110-10	CT110-100
Beta-Gal mRNA (N1-Me-Pseudo UTP)	100 μ g	500 μ g	1 mg

Information

Product Name	Beta-Gal mRNA (N1-Me-Pseudo UTP)
mRNA Length	3406 nt
Concentration	2 mg/mL
Storage buffer	MilliQ water
Storage Temperature	-80°C to -65°C
Shipping Conditions	Shipped on dry ice

Applications

1. Optimization of formulation or manufacturing process
2. Screening and validation of delivery vectors
3. Positive control
4. Verification of expression systems

Notes

This product is for research use only. It is not intended for use in human or veterinary diagnosis or therapy.



Poochon Scientific

5350 Partners Court, Suite C, Frederick, MD 21703

<https://www.poochonscientific.com/>

+1 301-761-4835

support@poochonscientific.com

