

CATUG Cas9 mRNA (N¹-Me-Pseudo UTP)

Catalog No. CT039

Product Summary

Cas9 mRNA (N¹-Me-Pseudo UTP) allows for the expression of a *Streptococcus pyogenes* SF370 Cas9 protein (CRISPR-associated protein 9), which is part of the CRISPR genome editing system, when transfected into cells. In the CRISPR system, when co-transfected with guide RNA (gRNA) targeting specific genomic loci, the Cas9 protein can cleave the targeted genes under the guidance of the gRNA. This product is an *in vitro* transcribed Cas9 mRNA that can be transfected at any time and used for CRISPR/Cas9-mediated gene editing.

Unit Size

	CT039-01	CT039-10	CT039-100
Cas9 mRNA (N ¹ -Me-Pseudo UTP)	100 µg	500 µg	1 mg

Product Information

Name	Cas9 mRNA (N ¹ -Me-Pseudo UTP)
mRNA length	4451 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. Gene editing
2. Cell engineering
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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