

## Cas9 mRNA (N1-Me-Pseudo UTP)

Catalog No. CT039

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### Overview

After transfection, Cas9 mRNA (N1-Me-Pseudo UTP) is expressed in cells to produce Cas9 protein derived from *Streptococcus pyogenes* SF370 (CRISPR-associated protein 9). This protein is a component of the CRISPR genome-editing system. In the CRISPR system, when co-transfected with a guide RNA (gRNA) targeting a specific genomic locus, Cas9 protein cleaves the corresponding site of the target gene. This product is an in vitro-transcribed Cas9 mRNA that can be transiently transfected into cells for performing CRISPR/Cas9-mediated genome editing.

### Composition

Specification	CT039-01	CT039-10	CT039-100
Cas9 mRNA (N1-Me-Pseudo UTP)	100 µg	500 µg	1 mg

### Information

Product Name	Cas9 mRNA (N1-Me-Pseudo UTP)
mRNA Length	4451 nt
Concentration	2 mg/mL
Storage buffer	MilliQ water
Storage Temperature	-80°C to -65°C
Shipping Conditions	Shipped on dry ice

### Applications

This product is intended for use in CRISPR/Cas9-mediated genome editing guided by specific gRNAs.

### Notes

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

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