

## Certificate of Analysis

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Product Name: Fluc mRNA(5 ' CAP)  
 Cat. No.: GM10002  
 Batch No.: 4  
 Chemical Name:

### ANALYTICAL DATA

mRNA Length : 1929 nucleotides  
 Concentration: 1mg/mL  
 Buffer: DEPC-Treated Water  
 Storage: -40°C or below

	QC Standard	Results
Apperance:	Colorless and Transparent Liquid	Pass
mRNA Concentration (Ultraviolet spectroscopy):	0.9-1.1mg/mL	1mg/mL
mRNA Purity (A260/A280 ratio, Ultraviolet spectroscopy):	1.8-2.1	2.10
Percentage of Intact mRNA (Agilent 5200):	≥85%	86.0%
Functional Assay(293T Cell / after 24 hours Transfection):	Signal Value of Fluc Activity ≥10 <sup>7</sup>	Pass

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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