

LZCap®AG(3'Acm) eGFP mRNA

Description: Enhanced Green Fluorescent Protein (eGFP) is an enhanced variant of wild-type GFP, and its maximum excitation and emission wavelengths are 488nm and 509nm, respectively. As a common reporter gene, eGFP emits strong green fluorescence when excited, which can be observed by fluorescence microscopy and flow cytometry. eGFP mRNA was synthesized by one-step transcriptional process with a linear DNA template, LZCap® AG(3'Acm) cap analog and T7 transcriptase. eGFP mRNA stock solution is suitable for mRNA delivery, translation, transfection and *in vivo* imaging experiments.

mRNA Length: 1216 nucleotides (including cap structure)

Concentration: 1 µg/µL

Specifications: 100 µL, 1 mL

Buffer: RNase-free ultrapure water

Purity: HPLC ≥90%, 2% Agarose gel electrophoresis graph

Storage Conditions: store at -40°C or below

Transportation: Transported on dry ice, avoid repeated freezing and thawing.

