

Firefly Luciferase mRNA(N1-Me-Pseudo UTP)

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| Cat. No.: | HY-153080 | |
| Target: | Fluorescent Dye | |
| Pathway: | Others | |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. | Firefly Luciferase mRNA(N ₁ -Me-Pseudo UTP) |

BIOLOGICAL ACTIVITY

Description

Firefly luciferase mRNA will express a luciferase protein, originally isolated from the *Photinus pyralis* (Firefly). Firefly Luciferase is a frequently used bioluminescent reporter for gene regulation and function study. It is applicable in assays for gene expression, cell viability and in vivo imaging etc.

REFERENCES

[1]. Svitkin YV, Cheng YM, Chakraborty T, Presnyak V, John M, Sonenberg N. N1-methyl-pseudouridine in mRNA enhances translation through eIF2 α -dependent and independent mechanisms by increasing ribosome density. *Nucleic Acids Res.* 2017;45(10):6023-6036.

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

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