

## Firefly luciferase mRNA-LNP

Cat. No.: HY-153229  
Target: Others  
Pathway: Others  
Storage: -80°C

Firefly luciferase mRNA-LNP

### BIOLOGICAL ACTIVITY

#### Description

Firefly luciferase mRNA-LNP is a lipid nanoparticle (LNP) containing Firefly luciferase mRNA, suitable for assays of RNA delivery, translation efficiency, cell viability, etc. Luciferase is commonly used as a bioluminescent reporter gene for gene regulation and function studies. Firefly Luciferase mRNA will express firefly luciferase protein after entering the cells, which is often used for promoter activity detection or dual fluorescent molecular complementation experiments. Common luciferase are firefly luciferase and sea kidney luciferase<sup>[1]</sup>.

### REFERENCES

[1]. Xu YZ, et al. Promoter deletion analysis using a dual-luciferase reporter system. *Methods Mol Biol.* 2013;977:79-93.

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

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