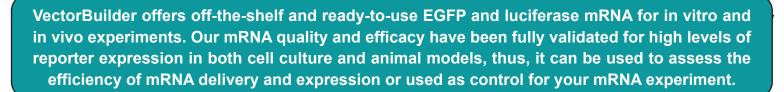
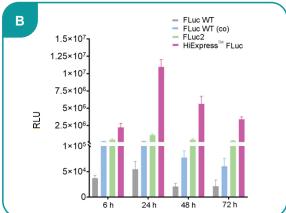
EGFP & HIEXPRESSTM Luciferase IVT mRNA



Product	Nucleotide	Scale	Price (CNY)
EGFP IVT mRNA	Unmodified	100 ug (1 ug/ul, 2x50 ul)	¥2,280
	m1Ψ substitution	100 ug (1 ug/ul, 2x50 ul)	¥2,780
HiExpress [™] Firefly Luciferase IVT mRNA	Unmodified	100 ug (1 ug/ul, 2x50 ul)	¥2,580
	m1Ψ substitution	100 ug (1 ug/ul, 2x50 ul)	¥3,180

4000 3000 HILW 2000 Unmodified m1 W



Highlights:

- Codon optimized HiExpress™ Firefly Luciferase mRNA for achieving robust expression
- mRNA produced with Cap 1, validated 5' & 3' UTRs, and a 110-bp poly A tail
- A) Comparison of EGFP fluorescence in HeLa cells transfected with mRNA produced with or without m1 Ψ
- B) Comparision of Luciferase activity in HEK-293T cells transfected with different codon optimized luciferase mRNA
- C) Luciferase activity measured in C57BL/6 mice injected intramuscularly with LNP encapsulated mRNA coding for different luciferase constructs

