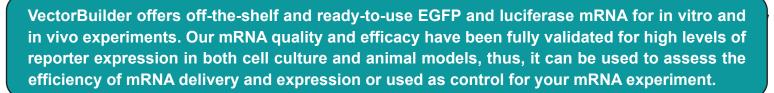
## EGFP & HiExpress<sup>TM</sup> Luciferase IVT mRNA



Product	Nucleotide	Scale	Price(USD)
EGFP IVT mRNA	Unmodified	100 ug (1 ug/ul, 2x50 ul)	\$249
	m1Ψ substitution	100 ug (1 ug/ul, 2x50 ul)	\$329
HiExpress <sup>™</sup> Firefly Luciferase IVT mRNA	Unmodified	100 ug (1 ug/ul, 2x50 ul)	\$299
	m1Ψ substitution	100 ug (1 ug/ul, 2x50 ul)	\$369

## **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 $\Psi$
- 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

