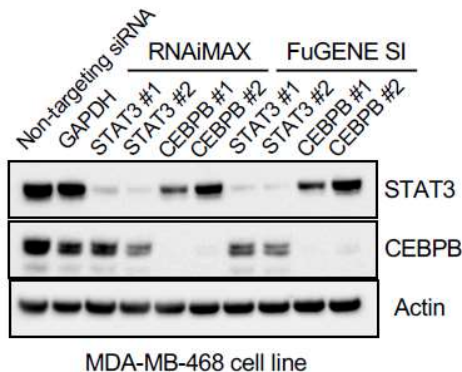
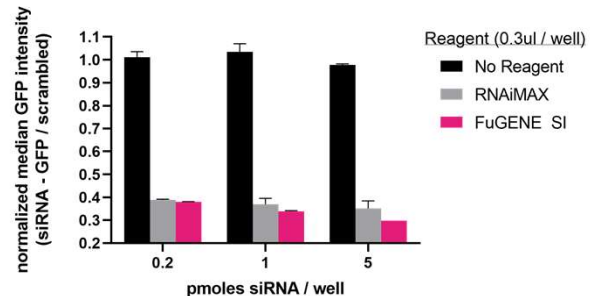


Superior Gene Silencing, Extremely Gentle on Cells



Human MDA-MB-468 cells were transfected in 6-well plates with 40 pmol of indicated targeting siRNA and negative/positive controls (Silencer Select®, Life Technologies) with either 7.5ul of FuGENE® SI or 7.5ul of RNAiMax® (Life Technologies) per well. 72 hours after transfection the cells were collected and analyzed via western blot for expression of target genes STAT3 and CEBPB. Results demonstrates that FuGENE SI yields robust knockdown of target genes and performs better or comparable to RNAiMax®.

Comparison of siRNA Knockdown Efficiency:
FuGENE SI vs. RNAiMAX in GFP-HEK293 cells



HEK293-GFP cells were seeded in 96-well plates transfected with 0.2, 1.0, or 5 pmols of GFP targeting siRNA or negative control (Horizon Discovery/siGENOME®), along with 0.3ul of Transfection Reagent FuGENE® SI or 0.3ul of Lipofectamine® RNAiMax (Life Technologies Corporation). Cells were then analyzed via flow cytometry 48 hours post-transfection to measure % knockdown of GFP & total cell viability. Graphs above show the superior knockdown performance of FuGENE® SI vs. Lipofectamine® RNAiMax in HEK293 and NIH3T3 cells.

RNA Transfection:

Explore our newest RNA transfection reagent, FuGENE® SI, for high-efficiency delivery of siRNAs and other short RNAs into routine & difficult-to-transfect eukaryotic cells. FuGENE® SI leverages our proprietary multi-component chemistry to provide superior delivery, which yields maximum gene knockdown while maintaining extremely low cell toxicity. Whether it's the delivery of siRNA or similar short RNA molecules, FuGENE® SI has you covered.

FuGENE® SI siRNA Transfection Reagent

- Delivery of siRNAs, miRNAs and Similar Short RNA Molecules
- Superior Knockdown Efficiency with Lower Amounts of siRNA
- Less Toxicity than Competitor Reagents
- Simple Protocol, Minimal Optimization



Catalog #	Size	Description
SI-1000	1.0 mL	FuGENE® SI 1 mL
SI-5000	5.0 mL (1mL x 5)	FuGENE® SI 5 mL