

Product Line Selection

Which siRNA is right for you?

Dharmacon offers four complete pre-designed product lines across human, mouse and rat genomes. Use the table below to assist you in determining the right siRNA product line for your needs.

	Cost-effective, efficient silencing	High specificity for reduced off-targets + efficient silencing	Highly specific knockdown of long noncoding RNA (lncRNA)	Target silencing in difficult-to-transfect cells
	siGENOME siRNA	ON-TARGET^{plus} siRNA	Lincode siRNA	Accell siRNA
Pre-designed for Human, Mouse and Rat protein-coding genes	+	+		+
Pre-designed for Human and Mouse long noncoding RNA (lncRNA)			+	
Recommended for transfectable mammalian cells in culture	+	+	+	
Recommended for neuronal, suspension, primary and other difficult-to-transfect cells				+
Recommended transfection reagent	DharmaFECT transfection reagent	DharmaFECT transfection reagent	DharmaFECT transfection reagent	None required
Available as SMARTpool reagent	+	+	+	+
Available as four individual siRNAs	+	+	+	+
Guaranteed knockdown by SMARTpool and 3 of 4 siRNAs	+	+		
Sense strand is modified to prevent interaction with RISC and favor antisense strand uptake	Selective application when thermodynamic analysis indicates it necessary for favorable antisense RISC loading	+	+	+
Antisense strand seed region is modified to destabilize off-target activity and enhance target specificity		+	+	+
Modifications to facilitate cellular uptake without separate transfection reagents				+
Stabilizing modifications to prevent nuclease-mediated degradation				+
Sequence information provided with purchase	+	+	+	+