

# **Product Data Sheet**

## FOXR1 siRNA (Human)

Catalog #SourceReactivityApplicationsCRJ6871Synt+icHRNAiDescriptionsiRNA to inhibit FOXR1 expression using RNA interferenceSpecificityFOXR1 siRNA (Human) is a target-specific 19-23 nt siRNA oligo duplexes designed to knock own gene expression.FormUpophilezer powderGene SymbolFOXR1 - Upophilezer Sonce R1; Forkhead box protein R1; Forkhead box protein N5Entrez Gene28315 Uluman)SwissProtQ6PIV2 (Human)Purity> 97%Quality ControlOlgonucleotide synthesis is monitored base by base through trityl analysis to ensure approach is usbequently purified by affinity-solid phase extraction. The annealed RNA duplex is further analyzed by massComponentsWe offers pre-designed sets of 3 different trget-specific siRNA oligo duplexes of human FOXR1 gene. Each vial contains 5 monitored together to achieve knockdown of the target							
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Component 15 nmol 30 nmol		Com	ponent		15 nmol	30 nmol	
FOXR1 siRNA (Human) - A 5 nmol x 1 5 nmol x 2		FOXR	1 siRNA (Human) - A		5 nmol x 1	5 nmol x 2	

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

5 nmol x 1

5 nmol x 2

FOXR1 siRNA (Human) - B

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## **Product Data Sheet**

FOXR1 siRNA (Human) - C	5 nmol x 1	5 nmol x 2
Negative Control	2.5 nmol x 1	2.5 nmol x 2
DEPC Water	1 ml x 1	1 ml x 2

**Directions for Use** 

We recommends transfection with 10 nM - 100 nM siRNA 48 to 72 hours prior to cell lysis. Before resuspending, briefly centrifuge the tube to ensure the lyophilized siRNA is at the bottom of the tube. Resuspend the siRNA oligos to an appropriate concentration with DEPC water. For example, resuspend one tube of 5 nmol siRNA oligo in 250  $\mu$ l of DEPC water to get a final concentration of 20  $\mu$ M.

Plate	Final volume	Final concentration	siRNA (20 μM)	Lipofectamin
	of medium	of siRNA		2000
		100 nM	0.5 μl	0.25 μl
96-well	100 µl	50 nM	0.25 μl	0.25 μl
		10 nM	0.05 μl	0.25 μl
		100 nM	2.5 μl	1 µl
24-well	500 μl	50 nM	1.25 μl	1 µl
		10 nM	0.25 μl	1 µl
		100 nM	5 µl	2 µl
12-well	1 ml	50 nM	2.5 μl	2 µl
		10 nM	0.5 μl	2 µl
		100 nM	10 µl	5 μl
6-well	2 ml	50 nM	5 µl	5 µl
		10 nM	1 µl	5 µl

#### Storage/Stability

Shipped at 4 °C. Store at -20 °C for one year.

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