

Product Data Sheet

RNF166 siRNA (Mouse)

Catalog #SourceReactivityApplicationsCRM7736Synt+icMRNAiDescriptionsiRNA to inhibit RNF166 expression using RNA interferenceSpecificityRNF166 siRNA (Mouse) is a target-specific 19-23 nt siRNA oligo duplexes designed to knock down gene expression.FormLyophilized powderGene SymbolRNF166Alternative NamesRING Finger protein 166Entrez Gene68718 (Mouse)SwissProtQ3U9F6 (Mouse)Purity> 97%Quality ControlOligo-uclotide synthesis is monitored base by base through trityl analysis to ensure appropriate coupling efficiency. The oligo is subsequently purified by affinity-solid phase extraction. The annealed RNA duplex is further analyzed by mass spectrometry to verify the exact composition of the duplex. Each lot is compared to the previous lot by mass spectrometry to ensure maximum lot-to-lot consistency.ComponentsWe offers pre-designed sets of 3 different target-specific siRNA oligo duplexes of mouse RNF166 gene. Each vial contains 5 non of lyophilized siRNA. The duplexes							
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mouse RNF166 gene. Each vial contains 5 nmol of lyophilized siRNA. The duplexes	Components	We of	We offers pre-designed sets of 3 different target-specific siRNA oligo duplexes of				
		mouse	mouse RNF166 gene. Each vial contains 5 nmol of lyophilized siRNA. The duplexes				
can be transfected individually or pooled together to achieve knockdown of the		can be	can be transfected individually or pooled together to achieve knockdown of the				
target gene, which is most commonly assessed by qPCR or western blot.		target	target gene, which is most commonly assessed by qPCR or western blot.				
Component 15 nmol 30 nmol		Com	ponent		15 nmol	30 nmol	
RNF166 siRNA (Mouse) - A 5 nmol x 1 5 nmol x 2		RNF1	L66 siRNA (Mouse)	A	5 nmol x 1	5 nmol x 2	
RNF166 siRNA (Mouse) - B 5 nmol x 1 5 nmol x 2		RNF1	L66 siRNA (Mouse) -	В	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

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	RNF166 siRNA (Mouse) - 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 μ l of DEPC water to get a final concentration of 20 μ 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
6-well	2 ml	100 nM	10 µl	5 µl
		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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