

Product Data Sheet

FAM134C siRNA (Mouse)

Catalog # Sou	urce	Reactivity		Applications	
CRM7465 Syn	nthetic	Μ		RNAi	
Description	siRNA	to inhibit FAM134C ex	pression using	RNA interference	
Specificity FAN		FAM134C siRNA (Mouse) is a target-specific 19-23 nt siRNA oligo duplexes designed			
	to kno	ck down gene express	sion.		
Form	Lyophi	lized powder			
Gene Symbol	FAM13	34C			
Alternative Names Prot		rotein FAM134C			
Entrez Gene	67998	(Mouse)			
SwissProt	Q9CQ\	/4 (Mouse)			
Purity	> 97%				
Quality Control	Oligonucleotide synthesis is monitored base by base through trityl analysis to en			rityl analysis to ensure	
	approp	oriate coupling efficie	ncy. The oligo is	subsequently purif	ied by affinity-solid
	phase	phase extraction. The annealed RNA duplex is further analyzed by mass			
	spectre	spectrometry to verify the exact composition of the duplex. Each lot is compared to			
	the pre	evious lot by mass spe	ectrometry to er	nsure maximum lot-	-to-lot consistency.
Components	We off	We offers pre-designed sets of 3 different target-specific siRNA oligo duplexes of			
	mouse	mouse FAM134C gene. Each vial contains 5 nmol of lyophilized siRNA. The duplexes			
	can be	can be transfected individually or pooled together to achieve knockdown of the			
	target	target gene, which is most commonly assessed by qPCR or western blot.			
	Comp	oonent	1	5 nmol	30 nmol
	FAM1	L34C siRNA (Mouse) -	A 5	nmol x 1	5 nmol x 2
	FAM1	134C siRNA (Mouse) -	B 5	nmol x 1	5 nmol x 2
Gene Symbol Alternative Names Entrez Gene SwissProt Purity Quality Control	FAM13 FAM13 Protein 67998 Q9CQV > 97% Oligon approp phase spectru the pro We off mouse can be target Comp	34C n FAM134C (Mouse) /4 (Mouse) /4 (Mouse) /4 (Mouse) ucleotide synthesis is oriate coupling efficient extraction. The anneat ometry to verify the e evious lot by mass spect fers pre-designed sets e FAM134C gene. Each e transfected individuat gene, which is most c conent 134C siRNA (Mouse) -	ncy. The oligo is aled RNA duplex exact composition ectrometry to en of 3 different ta a vial contains 5 ally or pooled to ommonly asses 1 A 5	subsequently purif a is further analyzed on of the duplex. Each nsure maximum lot- arget-specific siRNA nmol of lyophilized gether to achieve k sed by qPCR or wes 5 nmol nmol x 1	ied by affinity-solid by mass ch lot is compared -to-lot consistency. oligo duplexes of siRNA. The duplex nockdown of the tern blot. 30 nmol 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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FAM134C 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
24-well	500 μl	100 nM	2.5 μl	1 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
	2 ml	100 nM	10 µl	5 µl
6-well		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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