

Product Data Sheet

ZNF317 siRNA (Human)

Catalog #	Source	Reactivity		Applications		
CRJ1637	Synthetic	Н		RNAi		
Description	siRNA	to inhibit ZNF317 ex	pression using	RNA interference		
Specificity	ZNF31	ZNF317 siRNA (Human) is a target-specific 19-23 nt siRNA oligo duplexes designed to				
	knock	down gene expressi	on.			
Form	Lyoph	Lyophilized powder				
Gene Symbol	ZNF31	ZNF317				
Alternative N	ames KIAA1	KIAA1588; Zinc finger protein 317				
Entrez Gene	57693	8 (Human)				
SwissProt	Q96P	Q96PQ6 (Human)				
Purity	> 97%					
Quality Contr	ol Oligor	Oligonucleotide synthesis is monitored base by base through trityl analysis to ensure				
	appro	appropriate coupling efficiency. The oligo is subsequently purified by affinity-solid				
	phase	phase extraction. The annealed RNA duplex is further analyzed by mass				
	specti	spectrometry to verify the exact composition of the duplex. Each lot is compared to				
	the pr	the previous lot by mass spectrometry to ensure maximum lot-to-lot consistency.				
Components	We of	We offers pre-designed sets of 3 different target-specific siRNA oligo duplexes of				
	huma	human ZNF317 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.				
	Com	ponent		15 nmol	30 nmol	
	ZNF3	317 siRNA (Human) -	A	5 nmol x 1	5 nmol x 2	
	ZNF3	317 siRNA (Human) -	В	5 nmol x 1	5 nmol x 2	
SwissProt Purity Quality Contr	Q96P4 > 97% ol Oligor appro phase specti the pr We of huma can be target ZNF3	Q6 (Human) nucleotide synthesis i priate coupling effici e extraction. The anne rometry to verify the revious lot by mass sp fers pre-designed set n ZNF317 gene. Each e transfected individu gene, which is most ponent 817 siRNA (Human) -	ency. The oligo ealed RNA dup exact composi pectrometry to ts of 3 differen vial contains 5 ually or pooled commonly ass	is subsequently purification of the duplex. Each ensure maximum lot target-specific siRNA formol of lyophilized stogether to achieve kessed by qPCR or wested by a processed by a processe	fied by affinity-solid d by mass ach lot is compared to a-to-lot consistency. A oligo duplexes of siRNA. The duplexes anockdown of the stern 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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ZNF317 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 μ l of DEPC water to get a final concentration of 20 μ M.

Final volume	Final concentration	siRNA (20 μM)	Lipofectamin
of medium	of siRNA		2000
	100 nM	0.5 μl	0.25 μl
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
500 μl	50 nM	1.25 μl	1 µl
	10 nM	0.25 μl	1 µl
	100 nM	5 μl	2 µl
1 ml	50 nM	2.5 μl	2 µl
	10 nM	0.5 μl	2 µl
	100 nM	10 µl	5 µl
2 ml	50 nM	5 μl	5 µl
	10 nM	1 µl	5 µl
	of medium 100 μl 500 μl 1 ml	of medium of siRNA 100 nM 100 nM 100 nM 10 nM 50 nM 10 nM 500 μl 50 nM 100 nM 10 nM 500 μl 50 nM 10 nM 10 nM 10 nM 10 nM 10 nM 10 nM 10 nM 10 nM 1 nn 50 nM 10 nM 10 nM 10 nM 50 nM	of mediumof siRNA100 nM0.5 μl100 μl50 nM0.25 μl10 nM0.05 μl500 μl10 nM2.5 μl500 μl50 nM1.25 μl10 nM0.25 μl10 nM0.25 μl10 nM0.25 μl10 nM5 μl100 nM5 μl100 nM10 μl100 nM10 μl100 nM5.0 μl

Storage/Stability

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

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