

Product Data Sheet

ZNF812 siRNA (Human)

Source	Reactivity		Applications		
Synthetic	Н		RNAi		
siRNA	to inhibit ZNF812 ex	pression using	RNA interference		
ZNF81	NF812 siRNA (Human) is a target-specific 19-23 nt siRNA oligo duplexes designed to				
knock	down gene expressio	on.			
Form Lyophilized		ed powder			
Gene Symbol ZNF812					
Alternative Names Putati		tive zinc finger protein 812			
72964	729648 (Human)				
SwissProt P0C7V5		C7V5 (Human)			
Purity > 97%					
uality Control Oligonucleotide synthesis is monitored base by base through trityl analysis			rityl analysis to ensure		
appro	priate coupling efficie	ency. The oligo	is subsequently puri	fied by affinity-solid	
phase	phase extraction. The annealed RNA duplex is further analyzed by mass				
spectr	spectrometry to verify the exact composition of the duplex. Each lot is compared to				
the pr	evious lot by mass sp	ectrometry to	ensure maximum lot	-to-lot consistency.	
We of	We offers pre-designed sets of 3 different target-specific siRNA oligo duplexes of				
humai	human ZNF812 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	
ZNF8	12 siRNA (Human) - /	A	5 nmol x 1	5 nmol x 2	
ZNF8	12 siRNA (Human) - I	3	5 nmol x 1	5 nmol x 2	
	Synthetic siRNA ZNF81 knock Lyoph ZNF81 72964 P0C7V > 97% Oligor appro phase spectr the pr We of huma can be target ZNF8	SyntheticHsiRNA to inhibit ZNF812 expZNF812 siRNA (Human) is a knock down gene expression Lyophilized powderZNF812Dutative zinc finger protein 729648 (Human) P0C7V5 (Human) > 97%POC7V5 (Human) > 97%Oligonucleotide synthesis is appropriate coupling efficient phase extraction. The anneed spectrometry to verify the the previous lot by mass spectrometry to verify the target gene, which is mostComponent ZNF812 siRNA (Human) - A	Synthetic H siRNA to inhibit ZNF812 expression using ZNF812 siRNA (Human) is a target-specific knock down gene expression. Lyophilized powder ZNF812 Putative zinc finger protein 812 729648 (Human) POC7V5 (Human) > 97% Oligonucleotide synthesis is monitored be appropriate coupling efficiency. The oligo phase extraction. The annealed RNA dup spectrometry to verify the exact composi- the previous lot by mass spectrometry to We offers pre-designed sets of 3 different human ZNF812 gene. Each vial contains 5 can be transfected individually or pooled target gene, which is most commonly ass	SyntheticHRNAisiRNA to inhibit ZNF812 expression using RNA interferenceZNF812 siRNA (Human) is a target-specific 19-23 nt siRNA oligo knock down gene expression. Lyophilized powderZNF812amesPutative zinc finger protein 812729648 (Human) P0C7V5 (Human) > 97%Oligonucleotide synthesis is monitored base by base through the appropriate coupling efficiency. The oligo is subsequently puri- phase extraction. The annealed RNA duplex is further analyzed spectrometry to verify the exact composition of the duplex. Eact the previous lot by mass spectrometry to ensure maximum lot We offers pre-designed sets of 3 different target-specific siRNA human ZNF812 gene. Each vial contains 5 nmol of lyophilized si can be transfected individually or pooled together to achieve B target gene, which is most commonly assessed by qPCR or weZNF812 siRNA (Human) - A5 nmol x 1	

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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2	ZNF812 siRNA (Human) - C	5 nmol x 1	5 nmol x 2
I	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
		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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