

# **Product Data Sheet**

## **CHRNE siRNA (Human)**

Source	Reactivity		Applications	
Synthetic	н		RNAi	
siRNA	to inhibit CHRNE exp	ression using RN	IA interference	
CHRNE	NE siRNA (Human) is a target-specific 19-23 nt siRNA oligo duplexes designed to			
knock	down gene expressio	on.		
Lyophi	lized powder			
CHRNE	Ξ			
nes ACHRE	; Acetylcholine recep	otor subunit epsi	lon	
1145 (	Human)			
Q0484	4 (Human)			
> 97%				
Oligon	Oligonucleotide synthesis is monitored base by base through trityl analysis to ensu			rityl analysis to ensure
approp	priate coupling efficie	ency. The oligo is	subsequently purif	ied by affinity-solid
phase	extraction. The anne	aled RNA duplex	is further analyzed	by mass
spectro	ometry to verify the	exact compositic	on of the duplex. Ea	ch lot is compared to
the pre	evious lot by mass sp	ectrometry to e	nsure maximum lot-	-to-lot consistency.
Components We offers pre-designed sets of 3 different			arget-specific siRNA	oligo duplexes of
humar	human CHRNE 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
CHRN	IE siRNA (Human) - A	5	nmol x 1	5 nmol x 2
CHRN	IE siRNA (Human) - B	5	nmol x 1	5 nmol x 2
	Synthetic siRNA CHRNE knock Lyophi CHRNE 1145 ( Q0484 > 97% Oligon approp phase spectre the pro Ve off humar can be target	Synthetic H siRNA to inhibit CHRNE exp CHRNE siRNA (Human) is a knock down gene expression Lyophilized powder CHRNE ACHRE; Acetylcholine recept 1145 (Human) Q04844 (Human) > 97% Oligonucleotide synthesis is appropriate coupling efficient phase extraction. The anne spectrometry to verify the offers pre-designed set human CHRNE gene. Each offers pre-designed set human be pre-desig	Synthetic H siRNA to inhibit CHRNE expression using RM CHRNE siRNA (Human) is a target-specific 1 knock down gene expression. Lyophilized powder CHRNE ACHRE; Acetylcholine receptor subunit epsi 1145 (Human) Q04844 (Human) > 97% Oligonucleotide synthesis is monitored base appropriate coupling efficiency. The oligo is phase extraction. The annealed RNA duplex spectrometry to verify the exact composition the previous lot by mass spectrometry to effect the previous lot by mass spectrometry to ef	SyntheticHRNAisiRNA to inhibit CHRNE expression using RNA interference CHRNE siRNA (Human) is a target-specific 19-23 nt siRNA oligo knock down gene expression. Lyophilized powder CHRNECHRNE ACHRE; Acetylcholine receptor subunit epsilon 1145 (Human) Q04844 (Human) > 97%Oligonucleotide synthesis is monitored base by base through th appropriate coupling efficiency. The oligo is subsequently purif phase extraction. The annealed RNA duplex is further analyzed spectrometry to verify the exact composition of the duplex. Ea the previous lot by mass spectrometry to ensure maximum lot. We offers pre-designed sets of 3 different target-specific siRNA human CHRNE gene. Each vial contains 5 nmol of lyophilized si can be transfected individually or pooled together to achieve k target gene, which is most commonly assessed by qPCR or wessComponent15 nmolCHRNE 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

### **COHESION BIOSCIENCES LIMITED**

WEB	ORDER	SUPPORT	CUSTOM
www.cohesionbio.com	order@cohesionbio.com	techsupport@cohesionbio.com	custom@cohesionbio.com



## **Product Data Sheet**

CHRNE 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
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.

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

### **COHESION BIOSCIENCES LIMITED**

WEB	ORDER	SUPPORT	CUSTOM
www.cohesionbio.com	order@cohesionbio.com	techsupport@cohesionbio.com	custom@cohesionbio.com