

# **Product Data Sheet**

## hsa-miR-4450 miRNA Agomir

Catalog #	Source	Reactivity	Applications			
CMJ1263	Synthetic	н				
Description	Synthetic miRNA Agomir is used to regulate the expression of target hsa-miR-44					
	mRNA	۹.				
Specificity	Agom	ir is chemically-modifie	ed double-strand miRNA mimics which can mimic			
	matu	re endogenous miRNAs	s after transfection into cells. They can up-regulate the	he		
	endo	genous miRNA activity	by utilizing the natural miRNA machinery. Our miRN	IA		
	agom	agomir is designed to mimic mature miRNAs, and chemically modified to increase				
	their	their stability and activity.				
Form	Lyoph	Lyophilized powder				
Gene Symbol	hsa-m	hsa-miR-4450				
Accession No.	MIMA	MIMAT0018971				
Components	This s	This synthetic miRNA is based on the mature miRNA sequence. The antisense strand				
	of the	e agomir has 2 phospho	prothioates at the 5' end, 4 phosphorothioates, 1			
	chole	sterol group at the 3' e	nd, and full-length nucleotide 2'-methoxy modification	n.		
	lt exh	ibits enhanced cellular	uptake, stability and regulatory activity in vivo.			
Directions for U	<b>Jse</b> Briefly	Briefly centrifuge tubes containing miRNA agomir to ensure that the miRNA pellet is				
	locate	ed at the bottom of the	tube. Dissolve miRNA agomir to a convenient stock			
	conce	entration using the reco	ommended volume of DEPC H2O (or RNase-free water	<sup>-</sup> ).		
	For ex	kample: dissolve 5 nmc	l miRNA agomir to 20 $\mu$ M using 250 $\mu$ l DEPC H2O (or			
	RNase	e-free water). Pipette t	he solution up and down 3-5 times (or vortex briefly).			
	Briefly	y centrifuge tubes cont	aining miRNA agomir to ensure that the solution is			
	collec	ted at the bottom of th	ne tube. Aliquot the miRNA agomir into small volumes	5		
Application key: F	conce For ex RNase Briefh collec	entration using the reco cample: dissolve 5 nmc e-free water). Pipette t y centrifuge tubes cont eted at the bottom of th	ommended volume of DEPC H2O (or RNase-free water of miRNA agomir to 20 μM using 250 μl DEPC H2O (or he solution up and down 3-5 times (or vortex briefly). caining miRNA agomir to ensure that the solution is	5		

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**

and store at  $\leq$  -20°C. miRNA agomir is stable (for 6 months under the specified storage condition). For best results, use in 3 months and limit freeze-thaw events for each tube no more than five times.

**Storage/Stability** Shipped at 4 °C. Store at -20 °C for one year. Avoid freeze-thaw cycles after reconstitution.

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