

Product Data Sheet

hsa-miR-664a-3p miRNA Antagomir

Catalog #	Source	Re	activity	Applications
CIJ0819	Syntheti	ic H		
Description	S	Synthetic m	niRNA Anta	gomir is used to inhibit the activity of target hsa-miR-664a-3p
	r	mRNA.		
Specificity	ŀ	Antagomir	is chemical	y-modified single-strand miRNA inhibitor functioning by
	k	blocking mi	iRNA regula	tion of target gene expression efficiently. They are synthesized
	t	to reduce t	he ability of	f endogenous miRNAs to silence target mRNA transcripts.
	I	They can do	own-regula [.]	te the corresponding endogenous miRNAs. Our miRNA
	ā	antagomir i	is single-str	and miRNA inhibitor carrying the chemically modifications
	f	functioning	by blocking	g miRNA regulation of target gene expression efficiently.
Form	L	Lyophilized	powder	
Gene Symbol	ł	hsa-miR-66	4a-3p	
Accession No.	. r	MIMAT000	5949	
Components	1	This synthe	tic miRNA i	s based on the mature miRNA sequence. The strand of the
	ā	antagomir l	has 2 phosp	phorothioates at the 5' end, 4 phosphorothioates, 1
	C	cholesterol	group at th	e 3' end, and full-length nucleotide 2'-methoxy modification.
	S	Stability of	miRNA anta	agomir appears to be significantly higher than miRNA
	i	inhibitors.	It exhibits	enhanced cellular uptake, stability and regulatory activity and
	i	is recomme	ended for m	iRNA functional studies in vitro and in vivo.
Directions for	Use E	Briefly cent	rifuge tube	s containing miRNA antagomir to ensure that the miRNA
	r	pellet is loc	ated at the	bottom of the tube. Dissolve miRNA antagomir to a
	C	convenient	stock conc	entration using the recommended volume of DEPC H2O (or
	F	RNase-free	water). For	example: dissolve 10 nmol miRNA antagomir to 20 μM using

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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500 μl DEPC H2O (or RNase-free water). Pipette the solution up and down 3-5 times (or vortex briefly). Briefly centrifuge tubes containing miRNA antagomir to ensure that the solution is collected at the bottom of the tube. Aliquot the miRNA antagomir into small volumes and store at ≤ -20°C. miRNA antagomir 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.

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