hsa-miR-4445-3p miRNA – Hsa-Mir-4445-3p (Human)

PRODUCT OVERVIEW

Product Name	hsa-miR-4445-3p, miRNA
Full Product Name	hsa-miR-4445-3p miRNA Antagomir
Product Gene Name	hsa-miR-4445-3p mirna
Host	Synthetic
Species Reactivity	Human
Form/Format	Lyophilized powder
Specificity	Antagomir is chemically-modified single-strand miRNA inhibitor functioning by blocking miRNA regulation of target gene expression efficiently. They are synthesized to reduce the ability of endogenous miRNAs to silence target mRNA transcripts. They can down-regulate the corresponding endogenous miRNAs. Our miRNA antagomir is single-strand miRNA inhibitor carrying the chemically modifications functioning by blocking miRNA regulation of target gene expression efficiently.
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year. Avoid freeze-thaw cycles after reconstitution.
Components	This synthetic miRNA is based on the mature miRNA sequence. The strand of the antagomir has 2 phosphorothioates at the 5' end, 4 phosphorothioates, 1 cholesterol group at the 3' end, and full-length nucleotide 2'-methoxy modification. Stability of miRNA antagomir appears to be significantly higher than miRNA inhibitors. It exhibits enhanced cellular uptake, stability and regulatory activity and is recommended for miRNA functional studies in vitro and in vivo.
Directions for Use	Briefly centrifuge tubes containing miRNA antagomir to ensure that the miRNA pellet is located at the bottom of the tube. Dissolve miRNA antagomir to a convenient stock concentration using the recommended volume of DEPC H2O (or RNase-free water). For example: dissolve 10 nmol miRNA antagomir to 20 uM using 500 ul 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 degree 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.
Product Categories/Family for hsa-miR-4445-3p mirna	miRNA
Related Product Information for hsa-miR-4445-3p mirna	Synthetic miRNA Antagomir is used to inhibit the activity of target hsa-miR-4445-3p mRNA.
Other Notes	Small volumes of hsa-miR-4445-3p mirna vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for hsa-miR-4445-3p purchase	MBS8317199 is an miRNA targeting hsa-miR-4445-3p. Also known as hsa-miR-4445-3p miRNA Antagomir. Reactive in Human. Host: Synthetic.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for hsa-miR-4445-3p. It may not necessarily be applicable to this product.

NCBI Accession #	MIMAT0018964
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