hsa-miR-520b miRNA – Hsa-Mir-520b (Human)

PRODUCT OVERVIEW

Product Name	hsa-miR-520b, miRNA
Full Product Name	hsa-miR-520b miRNA Agomir
Product Gene Name	hsa-miR-520b mirna
Host	Synthetic
Species Reactivity	Human
Form/Format	Lyophilized powder
Specificity	Agomir is chemically-modified double-strand miRNA mimics which can mimic mature endogenous miRNAs after transfection into cells. They can up-regulate the endogenous miRNA activity by utilizing the natural miRNA machinery. Our miRNA agomir is designed to mimic mature miRNAs, and chemically modified to increase their stability and activity.
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 antisense strand of the agomir has 2 phosphorothioates at the 5' end, 4 phosphorothioates, 1 cholesterol group at the 3' end, and full-length nucleotide 2'-methoxy modification. It exhibits enhanced cellular uptake, stability and regulatory activity in vivo.
Directions for Use	Briefly centrifuge tubes containing miRNA agomir to ensure that the miRNA pellet is located at the bottom of the tube. Dissolve miRNA agomir to a convenient stock concentration using the recommended volume of DEPC H2O (or RNase-free water). For example: dissolve 5 nmol miRNA agomir to 20 uM using 250 ul DEPC H2O (or RNase-free water). Pipette the solution up and down 3-5 times (or vortex briefly). Briefly centrifuge tubes containing miRNA agomir to ensure that the solution is collected at the bottom of the tube. Aliquot the miRNA agomir into small volumes and store at <= -20 degree 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.
Product Categories/Family for hsa-miR-520b mirna	miRNA
Related Product Information for hsa-miR-520b mirna	Synthetic miRNA Agomir is used to regulate the expression of target hsa-miR-520b mRNA.
Other Notes	Small volumes of hsa-miR-520b 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-520b purchase	MBS8310969 is an miRNA targeting hsa-miR-520b. Also known as hsa-miR-520b miRNA Agomir. Reactive in Human. Host: Synthetic.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for hsa-miR-520b. It may not necessarily be applicable to this product.

NCBI Accession #	MIMAT0002843
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