

# **Product Data Sheet**

## hsa-miR-6753-3p miRNA Agomir

CMJ2170SyntheticHDescriptionSynthetic miRNA Agomir is used to regulate the expression of target hsa-miR-6753-3p mRNA.SpecificityAgomir 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.FormLyophilized powderGene Symbolhsa-miR-6753-3pAccession No.MIMAT0027407ComponentsThis 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 UseBriefly 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 µM using 250 µl DEPC H2O (or RNase-free water). Pipette the solution up and down 3-5 times (or vortex briefly).	Catalog #	Source	Reactivity	Applications		
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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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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.

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