Cohesion BIOSCIENCES

Product Data Sheet

mmu-miR-154-5p miRNA Mimic

Catalog #	Source	Reactivity	Applications
CMM0044	Synthetic	M	

Description Synthetic miRNA mimics are used to overexpress mmu-miR-154-5p by transfaction.

Specificity miRNA Mimics are chemically modified, double-stranded miRNA-like RNA which are designed to copy the functionality of mature endogenous miRNA upon transfection. At the 5'-end, it is synthesized with a partially complementary motif to 3'UTR end of the target gene, which allows the miRNA mimic to specifically bind to the target. Transfection of mimics followed by downstream gene expression analysis or phenotypic analysis, is performed to elucidate the targets and roles of particular miRNAs.

Form Lyophilized powder

Gene Symbol mmu-miR-154-5p

Accession No. MIMAT0000164

Components This synthetic miRNA is based on the mature miRNA sequence. It does not contain the full precursor miRNA stem-loop.

Directions for Use We recommend re-suspending the lyophilized synthetic miRNA using DNase and RNase-free ddH2O. To make a 100 uM stock, dissolve the lyophilized powder using 50 ul of ddH2O.

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

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