![Cohesion Biosciences logo]

Product Data Sheet

hsa-miR-5100 miRNA Mimic

Catalog #	Source	Reactivity	Applications
CMH1787	Synthetic	H	

Description	Synthetic miRNA mimics are used to overexpress hsa-miR-5100 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	hsa-miR-5100
Accession No.	MIMAT0022259
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.

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