

## **Product Data Sheet**

## hsa-miR-593-3p miRNA Mimic

| Catalog #      | Source      | Reactivity             | Applications  |
|----------------|-------------|------------------------|---|
| CMH0627        | Synthetic   | Н                      |   |
| Description    | Synthe      | etic miRNA mimics a    | are used to overexpress hsa-miR-593-3p by transfaction.   |
| Specificity    | miRNA       | A Mimics are chemi     | cally modified, double-stranded miRNA-like RNA which are  |
|                | design      | ied to copy the fund   | tionality of mature endogenous miRNA upon transfection.   |
|                | At the      | 5'-end, it is synthes  | ized with a partially complementary motif to 3'UTR end of |
|                | the ta      | rget gene, which all   | ows the miRNA mimic to specifically bind to the target.   |
|                | Transf      | ection of mimics fol   | lowed by downstream gene expression analysis or           |
|                | pheno       | otypic analysis, is pe | rformed to elucidate the targets and roles of particular  |
|                | miRNA       | As.                    |   |
| Form           | Lyophi      | ilized powder          |   |
| Gene Symbol    | hsa-m       | iR-593-3p              |   |
| Accession No.  | . MIMA      | T0004802               |   |
| Components     | This sy     | nthetic miRNA is ba    | ased on the mature miRNA sequence. It does not contain    |
|                | the fu      | ll precursor miRNA     | stem-loop.  |
| Directions for | Use We re   | commend re-suspe       | nding the lyophilized synthetic miRNA using DNase and     |
|                | RNase       | -free ddH2O. To ma     | ke a 100 uM stock, dissolve the lyophilized powder using  |
|                | 50 ul c     | of ddH2O.              |   |
| Storage/Stabi  | lity Shippe | ed at 4 °C. Store at - | 20 °C for one year. Avoid freeze-thaw cycles after        |
|                | recons      | stitution.             |   |

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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