

## **Product Data Sheet**

## hsa-miR-3117-5p miRNA Inhibitor

| Catalog #      | Source             | Reactivity              | Applications  |  |  |  |
|----------------|--------------------|-------------------------|---|--|--|--|
| CIH1374        | Synthetic          | н                       |   |  |  |  |
| Description    | Synt               | hetic miRNA inhibito    | rs are used to inhibit hsa-miR-3117-5p by transfaction.   |  |  |  |
| Specificity    | miR                | NA Inhibitors are che   | mically synthesized, complementary, antisense             |  |  |  |
|                | sing               | le-stranded oligonucl   | eotides to their target, endogenous mature miRNA. It      |  |  |  |
|                | effe               | ctively prevents the t  | arget miRNA to bind to normal cellular binding sites.     |  |  |  |
|                | Trar               | sfection of inhibitors  | followed by downstream gene expression analysis or        |  |  |  |
|                | phe                | notypic analysis, is pe | erformed to elucidate the targets and roles of particular |  |  |  |
|                | miR                | NAs.                    |   |  |  |  |
| Form           | Lyop               | philized powder         |   |  |  |  |
| Gene Symbol    | hsa                | miR-3117-5p             |   |  |  |  |
| Accession No.  | . MIN              | MIMAT0019197            |   |  |  |  |
| Components     | This               | synthetic miRNA is b    | ased on the mature miRNA sequence. It does not contain    |  |  |  |
|                | the                | full precursor miRNA    | stem-loop.  |  |  |  |
| Directions for | <b>Use</b> We      | recommend re-suspe      | nding the lyophilized synthetic miRNA using DNase and     |  |  |  |
|                | RNa                | se-free ddH2O. To ma    | ake a 100 uM stock, dissolve the lyophilized powder using |  |  |  |
|                | 100                | ul of ddH2O.            |   |  |  |  |
| Storage/Stabi  | i <b>lity</b> Ship | ped at 4 °C. Store at   | -20 °C for one year. Avoid freeze-thaw cycles after       |  |  |  |
|                | reco               | onstitution.            |   |  |  |  |

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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