

## **Product Data Sheet**

## rno-miR-199a-3p miRNA Inhibitor

| Catalog #      | Source             | Reactivity   | Applications  |   |  |  |
|----------------|--------------------|--|---|---|--|--|
| CIR0273        | Synthetic          | R  |   |   |  |  |
| Description    | Syn                | thetic miRNA inhibitor   | rs are used to inhibit rno-miR-199a-3p by transfaction.   |   |  |  |
| Specificity    | miR                | NA Inhibitors are chei   | mically synthesized, complementary, antisense             |   |  |  |
|                | sing               | le-stranded oligonucle   | eotides to their target, endogenous mature miRNA. It      |   |  |  |
|                | effe               | ctively prevents the ta  | 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  | rformed to elucidate the targets and roles of particular  |   |  |  |
|                | miR                | NAs.   |   |   |  |  |
| Form           | Lyoj               | ohilized powder  |   |   |  |  |
| Gene Symbol    | rno                | -miR-199a-3p   |   |   |  |  |
| Accession No.  | . MIN              | /AT0004738   |   |   |  |  |
| Components     | This               | synthetic miRNA is b   | ased on the mature miRNA sequence. It does not contain    | 1 |  |  |
|                | the                | full precursor miRNA   | stem-loop.  |   |  |  |
| Directions for | <b>Use</b> We      | We recommend re-suspending the lyophilized synthetic miRNA using DNase and |   |   |  |  |
|                | RNa                | se-free ddH2O. To ma   | ake a 100 uM stock, dissolve the lyophilized powder using | 3 |  |  |
|                | 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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