

## **Product Data Sheet**

## hsa-miR-4506 miRNA Inhibitor

Catalog # Source Reactivity Applications

CIH1332 Synthetic H

**Description** Synthetic miRNA inhibitors are used to inhibit hsa-miR-4506 by transfaction.

**Specificity** miRNA Inhibitors are chemically synthesized, complementary, antisense

single-stranded oligonucleotides to their target, endogenous mature miRNA. It

effectively prevents the target miRNA to bind to normal cellular binding sites.

Transfection of inhibitors 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-4506

Accession No. MIMAT0019042

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

100 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

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