

| NAME  | REFERENCE        | FINAL AMOUNT              | CHEMISTRY |
|---|------------------|---------------------------|-----------|
| siRNA pGL2 luciferase control<br>siRNA duplex - firefly                     | SR-CL010-005     | 5 nmoles of duplex / tube | RNA       |
| <b>1 siRNA negative control duplex is made of two complementary strands</b> |                  |                           |           |
| <b>Antisense strand</b>   | dTdT 3' overhang |                           |           |
| <b>Sense strand</b>   | dTdT 3' overhang |                           |           |
| <b>MODIFICATIONS 5' OR 3'</b>   |                  |                           |           |
| None  |                  |                           |           |
| <b>PURIFICATION</b>   |                  | <b>QC STATUS</b>          |           |
| PAGE  |                  | Passed                    |           |

### DELIVERY CONDITION

Shipped lyophilized  
Additional reagent supplied : 1 ml RNase-free Water

### RECONSTITUTION

To make up to 100  $\mu$ M concentration, add 50.0  $\mu$ l of recommended buffer.  
To make up to 20  $\mu$ M concentration, add 250.0  $\mu$ l of recommended buffer.  
To make up to 5  $\mu$ M concentration, add 1.00 ml of recommended buffer.

### STORAGE CONDITION

Store siRNAs (and RNA oligos in general) as a dry pellet at  $-20^{\circ}\text{C}$  (or preferably  $-70^{\circ}\text{C}$ ) in a non-frost free freezer until ready to use. Once resuspended in RNase-free buffer, store at  $-70^{\circ}\text{C}$  and avoid contact with RNases. siRNA should be resuspended to a convenient stock concentration (e.g. 50  $\mu$ M), and stored in small aliquots to avoid multiple freeze thaw cycles. When stored under these conditions and using good RNase-free technique, they typically remain stable for 6 months or more. The solution can be freeze-thawed up to 5 times. For long-term storage, siRNA oligos should be kept dried.

### DESCRIPTION

The Positive Control siRNAs are used to validate experimental results and to ensure that the method used is suitable to perform an RNAi assay. Positive control can also be used to normalize obtained results.

The Positive Control siRNAs consist of a duplex siRNA directed against a range of endogenous and reporter genes.  
For more information, do not hesitate to contact us.

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### TECHNICAL SUPPORT

If you have any questions feel free to call our Oligo Centre

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