

## Product datasheet for **SR310742**

### **SAGE1 Human siRNA Oligo Duplex (Locus ID 55511)**

#### **Product data:**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type:</b>       | siRNA Oligo Duplexes                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity:</b>             | HPLC purified                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Quality Control:</b>    | Tested by ESI-MS                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Sequences:</b>          | Available with shipment                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Stability:</b>          | One year from date of shipment when stored at -20°C.                                                                                                                                                                                                                                                                                                                                                                                           |
| <b># of transfections:</b> | Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).                                                                                                                                                                                                                                                                                                                                         |
| <b>Note:</b>               | Single siRNA duplex (10nmol) can be ordered.                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq:</b>             | <a href="#">NM_018666</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>         | <a href="#">Q9NXZ1</a>                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms:</b>           | CT14; SAGE                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Components:</b>         | SAGE1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 55511)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml                                                                                                                                                                                          |
| <b>Summary:</b>            | This gene belongs to a class of genes that are activated in tumors. These genes are expressed in tumors of different histologic types but not in normal tissues, except for spermatogenic cells and, for some, placenta. The proteins encoded by these genes appear to be strictly tumor specific, and hence may be excellent sources of antigens for cancer immunotherapy. This gene is expressed in sarcomas. [provided by RefSeq, Jul 2008] |



**Performance Guaranteed:** OriGene guarantees that at least two of the three Dicer-Substrate duplexes in the kit will provide at least 70% or more knockdown of the target mRNA when used at 10 nM concentration by quantitative RT-PCR when the TYE-563 fluorescent transfection control duplex (cat# SR30002) indicates that >90% of the cells have been transfected and the HPRT positive control (cat# SR30003) provides 90% knockdown efficiency.

For non-conforming siRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the siRNA kit. To arrange for a free replacement with newly designed duplexes, please contact Technical Services at [techsupport@origene.com](mailto:techsupport@origene.com). Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled siRNA control (quantitative RT-PCR data required).