

## Product datasheet for **SR307426**

### **RAB10 Human siRNA Oligo Duplex (Locus ID 10890)**

#### **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_016131</a>                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>             | <a href="#">P61026</a>                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Components:</b>             | RAB10 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 10890)<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>                | RAB10 belongs to the RAS (see HRAS; MIM 190020) superfamily of small GTPases. RAB proteins localize to exocytic and endocytic compartments and regulate intracellular vesicle trafficking (Bao et al., 1998 [PubMed 9918381]).[supplied by OMIM, Mar 2009]                                                                                                                                                                  |
| <b>Performance Guaranteed:</b> | 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).



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