

## Product datasheet for **SR316984**

### SLC25A45 Human siRNA Oligo Duplex (Locus ID 283130)

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | siRNA Oligo Duplexes  |
| Purity:                 | HPLC purified   |
| Quality Control:        | Tested by ESI-MS  |
| Sequences:              | Available with shipment   |
| Stability:              | One year from date of shipment when stored at -20°C.  |
| # of transfections:     | Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).  |
| Note:                   | Single siRNA duplex (10nmol) can be ordered.  |
| RefSeq:                 | <a href="#">NM_001077241</a> , <a href="#">NM_001278250</a> , <a href="#">NM_001278251</a> , <a href="#">NM_001300820</a> , <a href="#">NM_182556</a> ,<br><a href="#">NM_001352381</a> , <a href="#">NM_001352382</a> , <a href="#">NM_001352383</a> , <a href="#">NM_001352384</a> , <a href="#">NR_147972</a> , <a href="#">NR_147973</a>  |
| UniProt ID:             | <a href="#">Q8N413</a>  |
| Components:             | SLC25A45 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 283130)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml   |
| Summary:                | SLC25A45 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM, Mar 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).



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