

Product datasheet for **SR322848**

CLCA2 Human siRNA Oligo Duplex (Locus ID 9635)

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: | NM_006536 |
| UniProt ID: | Q9UQC9 |
| Synonyms: | CACC; CaCC-3; CACC3; CLCRG2 |
| Components: | CLCA2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9635) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml |
| Summary: | This gene encodes a member of the calcium-activated chloride channel regulator (CLCR) family of proteins. Members of this family regulate the transport of chloride across the plasma membrane. The encoded protein is autoproteolytically processed to generate N- and C- terminal fragments. Expression of this gene is upregulated by the tumor suppressor protein p53 in response to DNA damage. In breast cancer, expression of this gene is downregulated and the encoded protein may inhibit migration and invasion while promoting mesenchymal-to-epithelial transition in cancer cell lines. [provided by RefSeq, Sep 2016] |



[View online »](#)

**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. 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).