

Datasheet for ABIN3346172
Human CLCA2 siRNA Oligo

Overview

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| Quantity: | 1 kit |
| Gene: | CLCA2 |
| Species: | Human |
| Oligo-Type: | siRNA Oligo |
| Application: | RNA Interference (RNAi) |

Product Details

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| Purpose: | siRNA (27 mer) kit with 3 gene-specific unique siRNA duplexes and negative control for gene knockdown. |
| Brand: | Trilencer-27 |
| Sequence: | Available with shipment |
| Purification: | HPLC purified |
| Components: | <ul style="list-style-type: none"> • CLCA2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each • Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol • RNase free siRNA Duplex Resuspension Buffer - 2 ml |

Target Details

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| Gene: | CLCA2 |
| Alternative Name: | CLCA2 (CLCA2 Products) |

Application Details

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| Application Notes: | <ul style="list-style-type: none"> • No. of transfections: Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM) • Quality Control: Tested by ESI-MS |
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Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution:

- 2 nmoles of each duplex is provided (including the control duplex). Addition of 100 µL of RNase-free Duplex Buffer will result in 20 µM final concentration, vortex thoroughly and microfuge prior to use.
- Heat to 94 °C for 2 minutes, remove from heat and allow tube to cool to room temperature. The oligos were dried in duplex form so heating may not be necessary, however following this protocol ensures that the contents will be fully duplexed.

Storage: -20 °C

Storage Comment: The dried duplexes can be stored at 4 °C. However, once reconstituted with dH₂O, the plasmids must be stored at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Zhang, Guo, Creighton, Lu, Gibbons, Yi, Deng, Molina, Sun, Yang, Yang: "A genetic cell context-dependent role for ZEB1 in lung cancer." in: **Nature communications**, Vol. 7, pp. 12231, (2016) ([PubMed](#)).

Chen, Gibbons, Goswami, Cortez, Ahn, Byers, Zhang, Yi, Dwyer, Lin, Diao, Wang, Roybal, Patel, Ungewiss, Peng, Antonia, Mediavilla-Varela, Robertson, Jones, Suraokar, Welsh, Erez, Wistuba, Chen, Peng et al.: "Metastasis is regulated via microRNA-200/ZEB1 axis control of tumour cell PD-L1 expression and intratumoral immunosuppression. ..." in: **Nature communications**, Vol. 5, pp. 5241, (2014) ([PubMed](#)).