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# Product datasheet for SR421358

## Unc45a Mouse siRNA Oligo Duplex (Locus ID 101869)

### 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_133952 |
| **UniProt ID:** | Q99KD5 |
| **Synonyms:** | AW538196 |
| **Components:** | Unc45a (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 101869)<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:** | May act as co-chaperone for HSP90 (Potential). Prevents the stimulation of HSP90AB1 ATPase activity by AHSA1. Positive factor in promoting PGR function in the cell (By similarity). May be necessary for proper folding of myosin (Potential). Necessary for normal cell proliferation. Necessary for normal myotube formation and myosin accumulation during muscle cell development. May play a role in erythropoiesis in stroma cells in the spleen. [UniProtKB/Swiss-Prot Function] |

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**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).