

## Product datasheet for **SR407863**

### Ovol2 Mouse siRNA Oligo Duplex (Locus ID 107586)

#### 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_026924</a> , <a href="#">NM_152947</a>
UniProt ID:	<a href="#">Q8CIV7</a>
Synonyms:	1700108N11Rik; 1810007D21Rik; M-OVO; M-OVO-A; M-OVO-B; MOVO; movo2; Ovo2; Zfp339
Components:	Ovol2 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 107586) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Zinc-finger transcription repressor factor (PubMed:15225875, PubMed:23319585). Plays a critical role in maintaining the identity of epithelial lineages by suppressing epithelial-to mesenchymal transition (EMT) mainly through the repression of ZEB1, an EMT inducer (PubMed:24735878, PubMed:24735879). Positively regulates neuronal differentiation (PubMed:16423343, PubMed:23319585). Suppresses cell cycling and terminal differentiation of keratinocytes by directly repressing MYC and NOTCH1 (By similarity). Important for the correct development of primordial germ cells in embryos (PubMed:28059165). [UniProtKB/Swiss-Prot Function]



[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](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).