

Product datasheet for **SR403550**

Rhox3g Mouse siRNA Oligo Duplex (Locus ID 546294)

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_001145406
Synonyms:	Rhox3; Rhox3.7; Rhox3f; Rhox3g-ps
Components:	Rhox3g (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 546294) 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 is a member of the reproductive homeobox X-linked family (Rhox), which forms part of the superfamily of Homeobox transcription factors. Rhox family members are thought to contribute to early embryo development as well as female and male gametogenesis because they are expressed during embryogenesis and in reproductive tissues. In the mouse, this family expanded to form gene clusters categorized into alpha, beta and gamma, depending on chromosomal locations. Rhox3 paralogs are in the alpha cluster and are reported to be more highly expressed in testes compared to ovaries. This protein is missing a portion of the N-terminus compared to other Rhox3 paralogs, so its functional capacity is unclear. [provided by RefSeq, Dec 2012]



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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).