

Product datasheet for **SR415296**

Nr0b1 Mouse siRNA Oligo Duplex (Locus ID 11614)

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_007430
UniProt ID:	Q61066
Synonyms:	AH; Ahc; Ahch; AHX; Dax; DAX-; DAX-1; Dax1
Components:	Nr0b1 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 11614) 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 an orphan nuclear receptor protein that plays a key role in differentiation of the gonads. This protein regulates steroidogenic factor 1 (Sf-1) in a dose-dependent manner, sometimes functioning as a repressor of SF-1 target genes, and sometimes functioning as a co-activator. Overexpression of this gene can cause feminization of the XY male gonads. This gene is also involved in the maintenance of embryonic stem cell pluripotency. Mutations in the related gene in human cause congenital adrenal hypoplasia and hypogonadotropic hypogonadism. [provided by RefSeq, May 2015]



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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).