

## Product datasheet for **SR427294**

### Nr4a3 Mouse siRNA Oligo Duplex (Locus ID 18124)

#### 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_015743</a>
UniProt ID:	<a href="#">Q9QZB6</a>
Synonyms:	AI573420; CHN; CSMF; M; MINOR; N; NO; NOR-1; Nor1; TEC
Components:	Nr4a3 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 18124) 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 a member of the NR4A subfamily of nuclear hormone receptors that bind to DNA and modulate gene expression. The encoded protein has been implicated in T and B lymphocyte apoptosis, and immune cell proliferation. Mice lacking the encoded protein exhibit partial bidirectional circling behavior and inner ear dysfunction. Disruption of this gene in mice also results in defective hippocampal axonal growth and postnatal neuronal cell death. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 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](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).