

## Product datasheet for **SR404888**

### Rnf4 Mouse siRNA Oligo Duplex (Locus ID 19822)

#### 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_011278</a>
UniProt ID:	<a href="#">Q9QZS2</a>
Synonyms:	AU018689; Gtrge; Gtrgeo8; SNURF
Components:	Rnf4 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 19822) 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 small nuclear RING finger protein that mediates ubiquitylation of polysumoylated proteins. Deficiency of the encoded protein in mice leads to embryonic lethality and global DNA hypermethylation. A similar protein in humans is required for arsenic-induced degradation of promyelocytic leukemia protein in acute promyelocytic leukemia. Alternative splicing of this gene results in multiple transcript variants. A pseudogene for this gene has been identified on chromosome 10. [provided by RefSeq, Jan 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).