

Product datasheet for **SR419965**

Rgl1 Mouse siRNA Oligo Duplex (Locus ID 19731)

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_016846
UniProt ID:	Q60695
Synonyms:	mKIAA0959; R; Rgl
Components:	Rgl1 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 19731) 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 Ras-like (Ral) -selective guanine nucleotide exchange factor (RalGEF) family of small GTPase activators which function both as downstream effectors of activated Ras GTPase and as regulators of certain Ral GTPases in the RalGEF - Ral GTPase signaling pathway. The encoded protein, like other RalGEFs, has an N-terminal ras exchanger motif domain, a catalytic CDC25 homology domain, and a C-terminal ras binding domain that stimulates guanine nucleotide exchange when bound to a Ral GTPase. RalGEF family members bridge the Ras and Ral signaling pathways and are thought to play a role in oncogenic transformation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]



[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. 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).