

Product datasheet for **SR420293**

Rnf10 Mouse siRNA Oligo Duplex (Locus ID 50849)

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:	<u>NM_001302448</u> , <u>NM_001302449</u> , <u>NM_016698</u>
UniProt ID:	<u>Q3UIW5</u>
Synonyms:	AA675014; mKIAA0262; RIE2
Components:	Rnf10 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 50849) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The protein encoding this gene is a member of the really interesting new gene finger protein family. Members of this family contain protein motifs similar to zinc finger domains and are involved in many processes that include transcriptional regulation, DNA repair and signal transduction. Expression of this gene is upregulated during neuronal differentiation of cultured cells, and inhibition of its expression impairs differentiation and cell cycle exit, providing evidence for a function in neuronal differentiation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]



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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).