

## Product datasheet for **SR419614**

### Lrrfip1 Mouse siRNA Oligo Duplex (Locus ID 16978)

#### Product data:

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| 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_001111311</a> , <a href="#">NM_001111312</a> , <a href="#">NM_001310732</a> , <a href="#">NM_008515</a>                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt ID:         | <a href="#">Q3UZ39</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms:           | AU024550; Fliiap1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Components:         | Lrrfip1 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 16978)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml                                                                                                                                                                                                                                                                  |
| Summary:            | Transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-AGCCCCGGCG-3') and may regulate expression of TNF, EGFR and PDGFA. May control smooth muscle cells proliferation following artery injury through PDGFA repression. May also bind double-stranded RNA (By similarity). Positively regulates Toll-like receptor (TLR) signaling in response to agonist probably by competing with the negative FLII regulator for MYD88-binding (By similarity).[UniProtKB/Swiss-Prot Function] |



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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).