

Product datasheet for **SR310554**

LINS (LINS1) Human siRNA Oligo Duplex (Locus ID 55180)

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_001040614</u> , <u>NM_001040615</u> , <u>NM_001040616</u> , <u>NM_018148</u> , <u>NM_181739</u> , <u>NM_181740</u> , <u>NM_001352507</u> , <u>NM_001352508</u> , <u>NR_148017</u> , <u>NR_148018</u> , <u>NR_148019</u>
UniProt ID:	<u>Q8NG48</u>
Synonyms:	FLJ10583; lines homolog 1; lines homolog 1 (Drosophila); WINS1; WINS1 protein with Drosophila Lines (Lin) homologous domain
Components:	LINS1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 55180) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The Drosophila segment polarity gene <i>lin</i> encodes a protein, lines, which plays important roles in development of the epidermis and hindgut. This gene encodes a protein containing a lines-like domain. This gene is located on chromosome 15 and clustered with the gene encoding ankyrin repeat and SOCS box-containing protein 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2017]



[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).