

## **Product datasheet for SR307926**

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## LIMCH1 Human siRNA Oligo Duplex (Locus ID 22998)

**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 001112717, NM 001112718, NM 001112719, NM 001112720, NM 001289122,

NM 001289124, NM 001330672, NM 001330674, NM 001330784, NM 001330786, NM 001330787, NM 001330788, NM 001330789, NM 001330790, NM 001330791, NM 001330792, NM 001330793, NM 001330982, NM 001330983, NM 014988

UniProt ID: Q9UPQ0

Synonyms: LIMCH1A; LMO7B

Components: LIMCH1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 22998)

Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol

Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

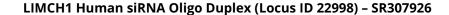
**Summary:** Actin stress fibers-associated protein that activates non-muscle myosin IIa. Activates the non-

muscle myosin IIa complex by promoting the phosphorylation of its regulatory subunit

MRLC/MYL9. Through the activation of non-muscle myosin IIa, positively regulates actin stress fibers assembly and stabilizes focal adhesions. It therefore negatively regulates cell spreading

and cell migration.[UniProtKB/Swiss-Prot Function]







## 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).