

## **Product datasheet for SR306515**

## OriGene Technologies, Inc.

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## RIPOR2 Human siRNA Oligo Duplex (Locus ID 9750)

**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 001286445, NM 001286446, NM 001286447, NM 014722, NM 015864, NM 032942,

NM 001346031, NM 001346032

UniProt ID: Q9Y4F9

Synonyms: C6orf32; DFNB104; DIFF40; DIFF48; FAM65B; MYONAP; PL48

Components: FAM65B (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9750)

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

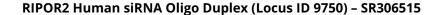
Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

Summary: This gene encodes an atypical inhibitor of the small G protein RhoA. Inhibition of RhoA

activity by the encoded protein mediates myoblast fusion and polarization of T cells and neutrophils. The encoded protein is a component of hair cell stereocilia that is essential for

hearing. A splice site mutation in this gene results in hearing loss in human patients.

[provided by RefSeq, Sep 2016]





## 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).