

## **Product datasheet for SR300274**

## OriGene Technologies, Inc.

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## **ARF5 Human siRNA Oligo Duplex (Locus ID 381)**

**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 001662</u>

UniProt ID: P84085

Components: ARF5 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 381)

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 is a member of the human ADP-ribosylation factor (ARF) gene family. These genes

encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase

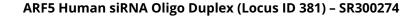
activity of cholera toxin and play a role in vesicular trafficking and as activators of

phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1,

ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class

share a common gene organization. [provided by RefSeq, Dec 2010]







## 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).