

## **Product datasheet for SR423136**

## 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

# **Arhgef28 Mouse siRNA Oligo Duplex (Locus ID 110596)**

#### **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 012026</u>

UniProt ID: P97433

Synonyms: 9230110L08Rik; Al323540; D13Bwg1089e; p190RhoGEF; Rgnef; RhoGEF; Rhoip2; RIP2

Components: Arhgef28 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 110596)

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

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

**Summary:** Functions as a RHOA-specific guanine nucleotide exchange factor regulating signaling

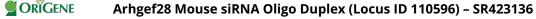
pathways downstream of integrins and growth factor receptors. Functions in axonal

branching, synapse formation and dendritic morphogenesis. Functions also in focal adhesion

formation, cell motility and B-lymphocytes activation. May regulate NEFL expression and

aggregation and play a role in apoptosis.[UniProtKB/Swiss-Prot Function]







# **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).