

## Product datasheet for **SR300286**

### ARHGAP6 Human siRNA Oligo Duplex (Locus ID 395)

#### 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:	<a href="#">NM_001174</a> , <a href="#">NM_001287242</a> , <a href="#">NM_006125</a> , <a href="#">NM_013422</a> , <a href="#">NM_013423</a> , <a href="#">NM_013427</a> , <a href="#">NR_109776</a>
UniProt ID:	<a href="#">O43182</a>
Synonyms:	OTTHUMP00000022913; OTTHUMP00000022915; OTTHUMP00000022916; OTTHUMP00000022918; Rho-type GTPase-activating protein RhoGAPX-1; RHOGAP6; RHOGAP6, rhoGAPX-1; RHOGAPX-1; Rho GTPase activating protein 6
Components:	ARHGAP6 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 395) 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 a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]



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**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](mailto: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).