

## Product datasheet for **SR306632**

### **RHOBTB1 Human siRNA Oligo Duplex (Locus ID 9886)**

#### **Product data:**

<b>Product Type:</b>	siRNA Oligo Duplexes
<b>Purity:</b>	HPLC purified
<b>Quality Control:</b>	Tested by ESI-MS
<b>Sequences:</b>	Available with shipment
<b>Stability:</b>	One year from date of shipment when stored at -20°C.
<b># of transfections:</b>	Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).
<b>Note:</b>	Single siRNA duplex (10nmol) can be ordered.
<b>RefSeq:</b>	<a href="#">NM_001032380</a> , <a href="#">NM_001242359</a> , <a href="#">NM_014836</a> , <a href="#">NM_198225</a> , <a href="#">NR_024554</a> , <a href="#">NR_024555</a> , <a href="#">NR_024556</a> , <a href="#">NM_001350902</a> , <a href="#">NM_001350903</a> , <a href="#">NM_001350904</a> , <a href="#">NM_001350905</a> , <a href="#">NM_001350906</a> , <a href="#">NM_001350907</a> , <a href="#">NM_001350908</a> , <a href="#">NM_001350909</a> , <a href="#">NM_001350910</a> , <a href="#">NM_001350911</a>
<b>UniProt ID:</b>	<a href="#">O94844</a>
<b>Synonyms:</b>	1700008H16Rik; 3110048G13Rik; AI173445; AI573858; AV350930; KIAA0740, MGC33059, MGC33841; MGC107538; Rho-related BTB domain containing 1
<b>Components:</b>	RHOBTB1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9886) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
<b>Summary:</b>	The protein encoded by this gene belongs to the Rho family of the small GTPase superfamily. It contains a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. The protein plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Dec 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).