

## **Product datasheet for SR322398**

## OriGene Technologies, Inc.

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## **RECK Human siRNA Oligo Duplex (Locus ID 8434)**

**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 001316345, NM 001316346, NM 001316347, NM 001316348, NM 021111</u>

 UniProt ID:
 O95980

 Synonyms:
 ST15

Components: RECK (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 8434)

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

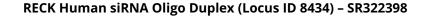
Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

**Summary:** The protein encoded by this gene is a cysteine-rich, extracellular protein with protease

inhibitor-like domains whose expression is suppressed strongly in many tumors and cells transformed by various kinds of oncogenes. In normal cells, this membrane-anchored

glycoprotein may serve as a negative regulator for matrix metalloproteinase-9, a key enzyme involved in tumor invasion and metastasis. Several transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Oct 2015]





## 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).