

Product datasheet for **SR306468**

RIM2 (RIMS2) Human siRNA Oligo Duplex (Locus ID 9699)

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:	NM_001100117 , NM_001282881 , NM_001282882 , NM_014677 , NM_001348484 , NM_001348485 , NM_001348486 , NM_001348487 , NM_001348488 , NM_001348489 , NM_001348490 , NM_001348491 , NM_001348492 , NM_001348493 , NM_001348494 , NM_001348495 , NM_001348496 , NM_001348497 , NM_001348498 , NM_001348499 , NM_001348500 , NM_001348501 , NM_001348502 , NM_001348503 , NM_001348504 , NM_001348505 , NM_001348506 , NM_001348507 , NM_001348508 , NM_001348509 , NR_145710 , NR_145711
UniProt ID:	Q9UQ26
Synonyms:	CRSDS; OBOE; RAB3IP3; RIM2
Components:	RIMS2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9699) 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 presynaptic protein that interacts with RAB3, a protein important for normal neurotransmitter release. The encoded protein can also bind several other synaptic proteins, including UNC-13 homolog B, ELKS/Rab6-interacting/CAST family member 1, and synaptotagmin 1. This protein is involved in synaptic membrane exocytosis. Polymorphisms in this gene have been associated with degenerative lumbar scoliosis. [provided by RefSeq, Feb 2017]



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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. 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).