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Product datasheet for SR307927

RIM1 (RIMS1) Human siRNA Oligo Duplex (Locus ID 22999)

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_001168407, NM_001168408, NM_001168409, NM_001168410, NM_001168411, NM_014989, NM_001350411, NM_001350412, NM_001350413, NM_001350414, NM_001350415, NM_001350416, NM_001350417, NM_001350418, NM_001350419, NM_001350420, NM_001350421, NM_001350422, NM_001350423, NM_001350424, NM_001350425, NM_001350426, NM_001350427, NM_001350428, NM_001350429, NM_001350430, NM_001350431, NM_001350432, NM_001350433, NM_001350434, NM_001350435, NM_001350436, NM_001350437, NM_001350438, NM_001350439, NM_001350440, NM_001350441, NM_001350442, NM_001350443, NM_001350444, NM_001350445, NM_001350446, NM_001350447, NM_001350448, NM_001350449, NM_001350450, NM_001350452, NM_001350454, NM_001350455, NM_001350456, NM_001350457, NM_001350458, NM_001350459, NM_001350460, NM_001350461, NM_001350462, NM_001350463, NM_001350464, NM_001350465, NM_001350466, NM_001350467, NM_001350468, NM_001350469, NM_001350470, NM_001350471, NM_001350472, NM_001350473, NM_001350474
UniProt ID:	Q86UR5
Synonyms:	CORD7; RAB3IP2; RIM; RIM1
Components:	RIMS1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 22999) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

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Summary:

The protein encoded by this gene is a RAS gene superfamily member that regulates synaptic vesicle exocytosis. This gene also plays a role in the regulation of voltage-gated calcium channels during neurotransmitter and insulin release. Mutations have suggested a role cognition and have been identified as the cause of cone-rod dystrophy type 7. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Mar 2012]

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).