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Product datasheet for SR324687

SNX14 Human siRNA Oligo Duplex (Locus ID 57231)

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_001297614, NM_001304479, NM_020468, NM_153816, NR_123729, NM_001350532, NM_001350533, NM_001350534, NM_001350535, NM_001350536, NM_001350537, NM_001350538, NM_001350539, NM_001350540, NM_001350541, NM_001350542, NM_001350543, NM_001350544, NM_001350545, NM_001350546, NM_001350547, NM_001350548, NM_001350549, NM_001350550, NM_001350551, NM_001350552, NM_001350553, NR_146774, NR_146775, NR_146776, NR_146777, NR_146778, NR_146779
UniProt ID:	Q9Y5W7
Synonyms:	RGS-PX2; SCAR20
Components:	SNX14 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 57231) 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 sorting nexin family. Members of this family have a phox (PX) phosphoinositide binding domain and are involved in intracellular trafficking. The encoded protein also contains a regulator of G protein signaling (RGS) domain. Regulator of G protein signaling family members are regulatory molecules that act as GTPase activating proteins for G alpha subunits of heterotrimeric G proteins. Alternate splicing results in transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014]

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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).