

Product datasheet for **SR318286**

SNX19 Human siRNA Oligo Duplex (Locus ID 399979)

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_001301089</u> , <u>NM_014758</u> , <u>NM_001347918</u> , <u>NM_001347919</u> , <u>NM_001347920</u> , <u>NM_001347921</u> , <u>NM_001347922</u> , <u>NM_001347923</u> , <u>NM_001347924</u> , <u>NM_001347925</u> , <u>NM_001347926</u> , <u>NM_001347927</u> , <u>NR_144939</u>
UniProt ID:	<u>Q92543</u>
Synonyms:	CHET8
Components:	SNX19 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 399979) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Islet antigen-2 (IA-2) is an autoantigen in type 1 diabetes and plays a role in insulin secretion. IA-2 is found in dense-core secretory vesicles and interacts with the product of this gene, a sorting nexin. In mouse pancreatic beta-cells, the encoded protein influenced insulin secretion by stabilizing the number of dense-core secretory vesicles. [provided by RefSeq, Dec 2016]



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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).