

Product datasheet for **SR314514**

SLC5A11 Human siRNA Oligo Duplex (Locus ID 115584)

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_001258411 , NM_001258412 , NM_001258413 , NM_001258414 , NM_052944 , NM_001352235 , NM_001352236 , NM_001352237 , NM_001352238 , NM_001352242 , NM_001352245 , NM_001352246 , NM_001352247 , NM_001352248 , NM_001352249 , NM_001352250 , NM_001352259 , NR_147933 , NR_147934 , NR_147935 , NR_147936 , NR_147938 , NR_147939 , NR_147940
UniProt ID:	Q8WWX8
Synonyms:	KST1; RKST1; SGLT6; SMIT2
Components:	SLC5A11 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 115584) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Cotransporters, such as SLC5A11, represent a major class of proteins that make use of ion gradients to drive active transport for the cellular accumulation of nutrients, neurotransmitters, osmolytes, and ions Roll et al. (2002) [PubMed 12039040]. [supplied by OMIM, Mar 2008]



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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).