

## Product datasheet for **SR417193**

### Slc22a19 Mouse siRNA Oligo Duplex (Locus ID 207151)

#### 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:	<a href="#">NM_144785</a>
UniProt ID:	<a href="#">Q8VCA0</a>
Synonyms:	D630043A20Rik; OAT-5; Oat5; Slc22a9
Components:	Slc22a19 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 207151) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Sodium-independent organic anion transporter which shows high specificity for estrone sulfate, dehydroepiandrosterone sulfate, and the mycotoxin ochratoxin A (OTA) (PubMed:15068970, PubMed:16150593). Transport of OTA is strongly inhibited by estrone sulfate and probenecid, and to a lesser extent by 2,4-dichlorophenoxyacetic acid (2,4-D) and salicylate (PubMed:15068970). Transport of estrone sulfate is inhibited by various steroid sulfate conjugates including dehydroepiandrosterone sulfate, alpha-naphthyl sulfate, beta-estradiol sulfate, 4-methylumbelliferyl sulfate and p-nitrophenyl sulfate (but not minoxidil sulfate) (PubMed:16150593).[UniProtKB/Swiss-Prot Function]



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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](mailto: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).