

## Product datasheet for **SR403225**

### Rnase6 Mouse siRNA Oligo Duplex (Locus ID 78416)

#### 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_030098</a> , <a href="#">NM_001360117</a> , <a href="#">NR_153407</a>
UniProt ID:	<a href="#">Q9D244</a>
Synonyms:	9530043P15Rik; BB119466
Components:	Rnase6 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 78416) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Ribonuclease which shows a preference for the pyrimidines uridine and cytosine (PubMed:15693621). Has potent antibacterial activity against a range of Gram-positive and Gram-negative bacteria, including <i>P.aeruginosa</i> , <i>A.baumannii</i> , <i>M.luteus</i> , <i>S.aureus</i> , <i>E.faecalis</i> , <i>E.faecium</i> , <i>S.saprophyticus</i> and <i>E.coli</i> (PubMed:15693621, PubMed:25075772). Causes loss of bacterial membrane integrity, and also promotes agglutination of Gram-negative bacteria (By similarity). Probably contributes to urinary tract sterility (PubMed:25075772). Bactericidal activity is independent of RNase activity (By similarity).[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).