

## Product datasheet for **SR405627**

### Ms4a3 Mouse siRNA Oligo Duplex (Locus ID 170813)

#### 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_133246</a>
UniProt ID:	<a href="#">Q920C4</a>
Synonyms:	HTm4
Components:	Ms4a3 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 170813) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Summary: This gene encodes a member of the membrane-spanning-four (MS4) protein group, that contain a four-transmembrane protein structure. This gene is expressed in developing hematopoietic cells and has also been observed in some regions of the adult brain. Expression of the human ortholog of this gene has also been observed in some human cancer cell lines. This protein may play a role in cell cycle regulation, and interactions have been demonstrated between Ms4a3 and KAP phosphatase. [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](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).