

## Product datasheet for **SR401536**

### Ltc4s Mouse siRNA Oligo Duplex (Locus ID 17001)

#### 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_008521</a> , <a href="#">NR_132732</a> , <a href="#">NR_132733</a>
UniProt ID:	<a href="#">Q60860</a>
Components:	Ltc4s (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 17001) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The protein encoded by this gene is an enzyme that catalyzes the synthesis of leukotriene C4 by combining leukotriene A4 with reduced glutathione. The encoded protein is found in the outer nuclear membrane and in the peripheral endoplasmic reticulum. Leukotrienes have been implicated as mediators of anaphylaxis and inflammatory conditions such as bronchial asthma in humans. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]



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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).