

Product datasheet for **SR416478**

Far1 Mouse siRNA Oligo Duplex (Locus ID 67420)

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_001285831 , NM_026143 , NM_027379 , NM_001360668 , NM_001360669
UniProt ID:	Q922J9
Synonyms:	2600011M19Rik; 2900034E22Rik; 3732409C05Rik; A1850429; Mlst2
Components:	Far1 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 67420) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Catalyzes the reduction of saturated and unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols (PubMed:15220348, PubMed:15220349). It plays an essential role in the production of ether lipids/plasmalogens which synthesis requires fatty alcohols (By similarity). In parallel, it is also required for wax monoesters production since fatty alcohols also constitute a substrate for their synthesis (PubMed:15220349).[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. 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).