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Product datasheet for SR408576

Gm7609 Mouse siRNA Oligo Duplex (Locus ID 665378)

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_001081746
Synonyms:	EG665378
Components:	Gm7609 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 665378) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	This gene is one of several duplicated genes in a repeat cluster in the homogeneously staining region (HSR) of chromosome 1. It is an Sp100-rs gene copy, which arose by duplication following the fusion of the Csprs (component of Sp100-rs) gene and the 5' part of the Sp100 (nuclear antigen Sp100) gene. The coding sequence of this gene is intact compared to that of the Csprs gene, and therefore NCBI represents this as a protein-coding gene. However, it is also possible to interpret this fusion gene as a pseudogene of the Sp100 gene. It is unknown if this gene produces a protein in vivo. [provided by RefSeq, Mar 2011]

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).