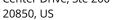


Product datasheet for SR410383

Olfr771 Mouse siRNA Oligo Duplex (Locus ID 258540)

Product data:

Product Type: siRNA Oligo Duplexes HPLC purified **Purity: Quality Control:** Tested by ESI-MS Available with shipment Sequences: 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). Single siRNA duplex (10nmol) can be ordered. Note: **RefSeq:** NM 146547 Synonyms: MOR114-8 Components: Olfr771 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 258540) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml Summary: Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single codingexon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008]



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OriGene Technologies, Inc.



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ORIGENEOlfr771 Mouse siRNA Oligo Duplex (Locus ID 258540) - SR410383Performance
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).

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