

Product datasheet for **SR402158**

Tac4 Mouse siRNA Oligo Duplex (Locus ID 93670)

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_053093
UniProt ID:	Q99N14
Synonyms:	AW489379; PPT-C
Components:	Tac4 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 93670) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles. Hemokinin induces plasma extravasation, mast cell degranulation, muscle contraction, salivary secretion and scratching behavior. Increases sperm motility. Induces potent analgesic effects and may play a role in pain modulation. Promotes survival of bone marrow B lineage cells and of cultured LPS-stimulated pre-B cells and may act as an autocrine factor required for B-cell survival and proliferation. Lowers systemic arterial pressure following intravenous injection. Induces interferon-gamma production and may play a role in the inflammatory response. Shows potent affinity and specificity for the NK-1 receptor.[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).