

## Product datasheet for **SR422760**

### **Mst1r Mouse siRNA Oligo Duplex (Locus ID 19882)**

#### **Product data:**

<b>Product Type:</b>	siRNA Oligo Duplexes
<b>Purity:</b>	HPLC purified
<b>Quality Control:</b>	Tested by ESI-MS
<b>Sequences:</b>	Available with shipment
<b>Stability:</b>	One year from date of shipment when stored at -20°C.
<b># of transfections:</b>	Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).
<b>Note:</b>	Single siRNA duplex (10nmol) can be ordered.
<b>RefSeq:</b>	<a href="#">NM_001287261</a> , <a href="#">NM_009074</a> , <a href="#">NR_109782</a>
<b>UniProt ID:</b>	<a href="#">Q62190</a>
<b>Synonyms:</b>	CD136; CDw136; Fv; Fv-; Fv-2; Fv2; PTK; PTK8; Ron; ST; STK
<b>Components:</b>	Mst1r (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 19882) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
<b>Summary:</b>	This gene encodes a precursor protein that is proteolytically cleaved to yield an alpha chain and a beta chain which form a membrane-spanning heterodimer. The encoded protein belongs to a family of cell-surface receptor tyrosine kinases involved in signaling from the cell surface to the intracellular environment. The binding of the encoded protein to its ligand, macrophage-stimulating protein, mediates several biological activities including wound healing, tumor immunity, macrophage activation and hematopoiesis as well as cell growth, motility, survival and adhesion. The protein encoded by this gene also functions in early development and the macrophage-mediated inflammatory response. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]



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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).