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Product datasheet for SR413502

Vmp1 Mouse siRNA Oligo Duplex (Locus ID 75909)

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_029478, NM_001356531
UniProt ID:	Q99KU0
Synonyms:	3110098I04Rik; 4930579A11Rik; AI787464; mir-21a; ni-2; Tango5; Tmem49
Components:	Vmp1 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 75909) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Stress-induced protein that, when overexpressed, promotes formation of intracellular vacuoles followed by cell death (By similarity). May be involved in the cytoplasmic vacuolization of acinar cells during the early stage of acute pancreatitis (PubMed:17940279). Involved in cell-cell adhesion. Plays an essential role in formation of cell junctions. Plays a role in the initial stages of the autophagic process through its interaction with BECN1. Required for autophagosome formation (By similarity).[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).