

Product datasheet for **SR310701**

VNN3 Human siRNA Oligo Duplex (Locus ID 55350)

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:	<u>NM_001024460</u> , <u>NM_001291702</u> , <u>NM_001291703</u> , <u>NM_018399</u> , <u>NM_078625</u> , <u>NR_028290</u> , <u>NR_028291</u> , <u>NM_001368149</u> , <u>NM_001368152</u> , <u>NM_001368154</u> , <u>NM_001368150</u> , <u>NM_001368151</u> , <u>NM_001368155</u> , <u>NM_001368156</u>
UniProt ID:	<u>Q9NY84</u>
Synonyms:	HSA238982; MGC124285; MGC171203; OTTMUSP00000022908; PAGEL-beta; PAGEL-eta; PAGEL-zeta; vanin 3; vascular non-inflammatory molecule 3
Components:	VNN3 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 55350) 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 the central gene in a cluster of three vanin genes on chromosome 6q23-q24. Extensive alternative splicing has been described; the two most common variants are represented as RefSeqs. [provided by RefSeq, Apr 2014]



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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).