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Product datasheet for SR318745

SPINK9 Human siRNA Oligo Duplex (Locus ID 643394)

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_001040433
UniProt ID:	Q5DT21
Synonyms:	LEKTI2
Components:	SPINK9 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 643394) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The protein encoded by this gene is a Kazal-type serine protease inhibitor that appears to specifically target kallikrein-related peptidase 5 (KLK5) in the palmo-plantar epidermis. KLK5 is an important initiator of skin desquamation, so the encoded protease inhibitor may regulate skin differentiation in the palms of hands and soles of feet. This cationic protein has also been shown to promote keratinocyte migration by activation of the epidermal growth factor receptor (EGFR). [provided by RefSeq, Dec 2015]

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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).