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Product datasheet for SR306448

HISPPD2A (PPIP5K1) Human siRNA Oligo Duplex (Locus ID 9677)

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_001024463, NM_001130858, NM_001130859, NM_001190214, NM_014659, NM_001354382, NM_001354383, NM_001354384, NM_001354385, NM_001354386, NM_001354387, NM_001354388, NM_001354389, NM_001354390, NM_001354391, NM_001354392, NM_001354393, NM_001354394, NM_001354395, NM_001354396, NM_001354397, NM_001354398, NM_001354399, NM_001354400, NM_001354401, NM_001354402
UniProt ID:	Q6PFW1
Synonyms:	DKFZp313L0221; HISPPD2A; IP6K; IPS1; KIAA0377; MGC51871; VIP1
Components:	PPIP5K1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9677) 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 encodes a dual functional inositol kinase. The encoded enzyme converts inositol hexakisphosphate to diphosphoinositol pentakisphosphate and diphosphoinositol pentakisphosphate to bis-diphosphoinositol tetrakisphosphate. This protein may be important for intracellular signaling pathways. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 15.[provided by RefSeq, Jun 2010]

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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).

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