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Product datasheet for SR311045

KLHL9 Human siRNA Oligo Duplex (Locus ID 55958)

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_001040713, NM_018847
UniProt ID:	Q9P2J3
Synonyms:	FLJ21815; kelch-like 9; kelch-like 9 (Drosophila); OTTHUMP00000021141; RP11-380P16.6
Components:	KLHL9 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 55958) 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 protein that belongs to the kelch repeat-containing family, and contains an N-terminal BTB/POZ domain, a BACK domain and six C-terminal kelch repeats. The encoded protein is a component of a complex with cullin 3-based E3 ligase, which plays a role in mitosis. This protein complex is a cell cycle regulator, and functions in the organization and integrity of the spindle midzone in anaphase and the completion of cytokinesis. The complex is required for the removal of the chromosomal passenger protein aurora B from mitotic chromosomes. [provided by RefSeq, Jul 2016]

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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).