

Product datasheet for SR304386

OriGene Technologies, Inc.

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Helicase SKI2W (SKIV2L) Human siRNA Oligo Duplex (Locus ID 6499)

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 006929

 UniProt ID:
 Q15477

Synonyms: 170A; DDX13; HLP; SKI2; SKI2W; SKIV2; SKIV2L1; THES2

Components: SKIV2L (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 6499)

Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol

Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

Summary: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are

putative RNA helicases. They are implicated in a number of cellular processes involving

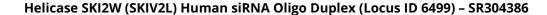
alteration of RNA secondary structure such as translation initiation, nuclear and

mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution

patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a human homologue of yeast SKI2 and may be involved in antiviral activity by blocking translation of poly(A) deficient mRNAs. This gene is located in the class III region of

the major histocompatibility complex. [provided by RefSeq, Jul 2008]







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).