

Product datasheet for SR313295

OriGene Technologies, Inc.

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IMMP2L Human siRNA Oligo Duplex (Locus ID 83943)

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 001244606, NM 032549, NM 001350959, NM 001350960, NM 001350961,</u>

NM 001350962, NM 001350963, NM 001350964

UniProt ID: Q96T52

Synonyms: IMMP2L-IT1; IMP2; IMP2-LIKE

Components: IMMP2L (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 83943)

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

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

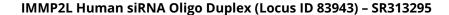
Summary: This gene encodes a protein involved in processing the signal peptide sequences used to

direct mitochondrial proteins to the mitochondria. The encoded protein resides in the

mitochondria and is one of the necessary proteins for the catalytic activity of the

mitochondrial inner membrane peptidase (IMP) complex. Two variants that encode the same

protein have been described for this gene. [provided by RefSeq, Sep 2011]





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).