

Product datasheet for SR322932

OriGene Technologies, Inc.

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ENDOGL1 (EXOG) Human siRNA Oligo Duplex (Locus ID 9941)

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 001145464, NM 001318954, NM 001318955, NM 001318956, NM 001318957,

NM 001318958, NM 001318959, NM 005107, NR 134938, NR 153322, NR 153323, NR 153324, NR 153325, NR 153326, NR 153327, NR 153328, NR 153329, NR 153330

UniProt ID: Q9Y2C4

Synonyms: ENDOGL1; ENDOGL2; ENGL; ENGL-a; ENGL-b; ENGLA; ENGLB

Components: EXOG (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9941)

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

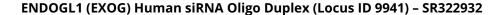
Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

Summary: This gene encodes an endo/exonuclease with 5'-3' exonuclease activity. The encoded enzyme

catalyzes the hydrolysis of ester linkages at the 5' end of a nucleic acid chain. This enzyme is localized to the mitochondria and may play a role in programmed cell death. Alternatively spliced transcript variants have been described. A pseudogene exists on chromosome 18.

[provided by RefSeq, Feb 2009]







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).