

## **Product datasheet for SR318298**

## OriGene Technologies, Inc.

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## C16orf88 (KNOP1) Human siRNA Oligo Duplex (Locus ID 400506)

**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 001012991, NM 001348527, NM 001348528, NM 001348529, NM 001348530,

NM 001348531, NM 001348532, NM 001348533, NM 001348534, NM 001348535,

NM 001348536, NM 001348537

UniProt ID: Q1ED39

**Synonyms:** 101F10.1; C16orf88; FAM191A; TSG118

Components: KNOP1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 400506)

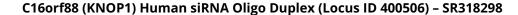
Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol

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

**Summary:** The protein encoded by this gene is a nucleolar protein that interacts with zinc finger 106

protein. The encoded protein has several of the same characteristics as nucleostemin and

may be involved in testis development. [provided by RefSeq, Feb 2017]





## 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).