

## **Product datasheet for SR402951**

#### OriGene Technologies, Inc.

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## **Ube2d2b Mouse siRNA Oligo Duplex (Locus ID 73318)**

### **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 001276397, NM 028502, NR 003639

UniProt ID: Q6ZWY6

**Synonyms:** 1700013N18Rik

Components: Ube2d2b (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 73318)

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

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

**Summary:** Catalyzes the covalent attachment of ubiquitin to other proteins. Mediates the selective

degradation of short-lived and abnormal proteins. Functions in the E6/E6-AP-induced

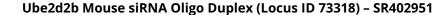
ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and autoubiquitination of STUB1

and TRAF6. Involved in the signal-induced conjugation and subsequent degradation of NFKBIA, FBXW2-mediated GCM1 ubiquitination and degradation, MDM2-dependent degradation of p53/TP53 and the activation of MAVS in the mitochondria by DDX58/RIG-I in

response to viral infection (By similarity). Plays a role in early maturation of the testis.

[UniProtKB/Swiss-Prot Function]







# 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).