

Product datasheet for SR417420

OriGene Technologies, Inc.

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Zmynd11 Mouse siRNA Oligo Duplex (Locus ID 66505)

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 001199141, NM 001347470, NM 001347471, NM 001347472, NM 001347473,

NM 001347474, NM 001347476, NM 001347477, NM 001347479, NM 001347480,

NM 001347481, NM 144516

UniProt ID: Q8R5C8

Synonyms: 2210402G22Rik; BS69

Components: Zmynd11 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 66505)

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

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

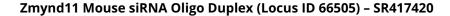
Summary: Chromatin reader that specifically recognizes and binds histone H3.3 trimethylated at 'Lys-36'

(H3.3K36me3) and regulates RNA polymerase II elongation. Does not bind other histone H3

subtypes (H3.1 or H3.2). Colocalizes with highly expressed genes and functions as a transcription corepressor by modulating RNA polymerase II at the elongation stage (PubMed:24590075). Binds non-specifically to dsDNA (By similarity). Acts as a tumor-suppressor by repressing a transcriptional program essential for tumor cell growth

(PubMed:24590075).[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).