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# Product datasheet for SR414577

## Ifi202b Mouse siRNA Oligo Duplex (Locus ID 26388)

### 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_008327, NM_011940 |
| **UniProt ID:** | Q9R002 |
| **Synonyms:** | Ifbip-1; Ifi202; Ifi202a; p202 |
| **Components:** | Ifi202b (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 26388)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml |
| **Summary:** | Inhibits the transcriptional activity of several transcription factors, including NF-kappa-B p50 and p65, FOS, JUN, E2F1, E2F4, MYOD1 and myogenin. Has anti-apoptotic effects due to inhibition of the transcriptional activity of p53. Binds dsDNA in the cytosol. Is involved in innate immune response and has anti-inflammatory activity. Inhibits caspase activation in response to cytosolic DNA and inhibits the activation of the AIM2 inflammasome, probably by sequestering cytoplasmic DNA and preventing its being bound by AIM2.[UniProtKB/Swiss-Prot Function] |

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**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).