

Product datasheet for **SR412720**

Rbfox2 Mouse siRNA Oligo Duplex (Locus ID 93686)

Product data:

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|----------------------------|---|
| 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: | <u>NM_001110827</u> , <u>NM_001110828</u> , <u>NM_001110829</u> , <u>NM_001110830</u> , <u>NM_001286417</u> , <u>NM_001286418</u> , <u>NM_001286419</u> , <u>NM_053104</u> , <u>NM_175387</u> , <u>NM_001358771</u> , <u>NM_001358772</u> , <u>NM_001358770</u> |
| UniProt ID: | <u>Q8BP71</u> |
| Synonyms: | Fbm2; Fxh; Hrnbp2; Rbm9 |
| Components: | Rbfox2 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 93686) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml |
| Summary: | RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis. Seems to act as a coregulatory factor of ER-alpha (By similarity).[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).