

## Product datasheet for **SR318644**

### **RBMXL1 Human siRNA Oligo Duplex (Locus ID 494115)**

#### **Product data:**

|                            |   |
|----------------------------|---|
| <b>Product Type:</b>       | siRNA Oligo Duplexes  |
| <b>Purity:</b>             | HPLC purified   |
| <b>Quality Control:</b>    | Tested by ESI-MS  |
| <b>Sequences:</b>          | Available with shipment   |
| <b>Stability:</b>          | One year from date of shipment when stored at -20°C.  |
| <b># of transfections:</b> | Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).  |
| <b>Note:</b>               | Single siRNA duplex (10nmol) can be ordered.  |
| <b>RefSeq:</b>             | <a href="#">NM_001162536</a> , <a href="#">NM_019610</a>  |
| <b>UniProt ID:</b>         | <a href="#">Q96E39</a>  |
| <b>Synonyms:</b>           | RBM1  |
| <b>Components:</b>         | RBMXL1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 494115)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml   |
| <b>Summary:</b>            | This gene represents a retrogene of RNA binding motif protein, X-linked (RBMX), which is located on chromosome X. While all introns in the coding sequence have been processed out compared to the RBMX locus, the ORF is intact and there is specific evidence for transcription at this location. The preservation of the ORF by purifying selection in all Old World monkeys carrying it suggests that this locus is likely to be functional, possibly during male meiosis when X chromosomal genes are silenced or during haploid stages of spermatogenesis. This gene shares 5' exon structure with the cysteine conjugate-beta lyase 2 locus on chromosome 1, but the coding sequences are non-overlapping. Alternative splicing results in two transcript variants. [provided by RefSeq, Jun 2009] |



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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](mailto: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).