

## Product datasheet for **SR306936**

### SRRM1 Human siRNA Oligo Duplex (Locus ID 10250)

#### 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:	<a href="#">NM_001303448</a> , <a href="#">NM_001303449</a> , <a href="#">NM_005839</a> , <a href="#">NM_001366577</a> , <a href="#">NM_001366589</a> , <a href="#">NM_001366600</a> , <a href="#">NM_001366566</a> , <a href="#">NM_001366567</a> , <a href="#">NM_001366569</a> , <a href="#">NM_001366570</a> , <a href="#">NM_001366572</a> , <a href="#">NM_001366575</a> , <a href="#">NM_001366576</a> , <a href="#">NM_001366581</a> , <a href="#">NM_001366582</a> , <a href="#">NM_001366585</a> , <a href="#">NM_001366587</a> , <a href="#">NM_001366590</a> , <a href="#">NM_001366592</a> , <a href="#">NM_001366594</a> , <a href="#">NM_001366595</a> , <a href="#">NM_001366596</a> , <a href="#">NM_001366597</a> , <a href="#">NM_001366599</a> , <a href="#">NR_159379</a> , <a href="#">NR_159382</a> , <a href="#">NR_159383</a> , <a href="#">NR_159384</a> , <a href="#">NR_159385</a> , <a href="#">NR_159386</a> , <a href="#">NR_159387</a> , <a href="#">NR_159388</a> , <a href="#">NR_159389</a> , <a href="#">NR_159391</a> , <a href="#">NM_001366565</a> , <a href="#">NM_001366568</a> , <a href="#">NM_001366571</a> , <a href="#">NM_001366573</a> , <a href="#">NM_001366578</a> , <a href="#">NM_001366584</a> , <a href="#">NM_001366586</a> , <a href="#">NM_001366588</a> , <a href="#">NM_001366591</a> , <a href="#">NM_001366593</a> , <a href="#">NM_001366598</a> , <a href="#">NR_159378</a> , <a href="#">NR_159380</a> , <a href="#">NR_159390</a>
UniProt ID:	<a href="#">Q8IYB3</a>
Synonyms:	160-KD; POP101; SRM160
Components:	SRRM1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 10250) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Part of pre- and post-splicing multiprotein mRNP complexes. Involved in numerous pre-mRNA processing events. Promotes constitutive and exonic splicing enhancer (ESE)-dependent splicing activation by bridging together sequence-specific (SR family proteins, SFRS4, SFRS5 and TRA2B/SFRS10) and basal snRNP (SNRP70 and SNRPA1) factors of the spliceosome. Stimulates mRNA 3'-end cleavage independently of the formation of an exon junction complex. Binds both pre-mRNA and spliced mRNA 20-25 nt upstream of exon-exon junctions. Binds RNA and DNA with low sequence specificity and has similar preference for either double- or single-stranded nucleic acid substrates.[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](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).