

## Product datasheet for **SR305143**

### splicing factor 1 (SF1) Human siRNA Oligo Duplex (Locus ID 7536)

#### 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:	<u><a href="#">NM_001178030</a></u> , <u><a href="#">NM_001178031</a></u> , <u><a href="#">NM_004630</a></u> , <u><a href="#">NM_201995</a></u> , <u><a href="#">NM_201997</a></u> , <u><a href="#">NM_201998</a></u> , <u><a href="#">NR_033649</a></u> , <u><a href="#">NR_033650</a></u> , <u><a href="#">NM_001346363</a></u> , <u><a href="#">NM_001346364</a></u> , <u><a href="#">NM_001346409</a></u> , <u><a href="#">NM_001346410</a></u>
UniProt ID:	<u><a href="#">Q15637</a></u>
Synonyms:	BBP; D11S636; MBBP; ZCCHC25; ZFM1; ZNF162
Components:	SF1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 7536) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	This gene encodes a nuclear pre-mRNA splicing factor. The encoded protein specifically recognizes the intron branch point sequence at the 3' splice site, together with the large subunit of U2 auxiliary factor (U2AF), and is required for the early stages of spliceosome assembly. It also plays a role in nuclear pre-mRNA retention and transcriptional repression. The encoded protein contains an N-terminal U2AF ligand motif, a central hnRNP K homology motif and quaking 2 region which bind a key branch-site adenosine within the branch point sequence, a zinc knuckles domain, and a C-terminal proline-rich domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]



[View online »](#)

**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).