

## Product datasheet for **SR311059**

### NXF5 Human siRNA Oligo Duplex (Locus ID 55998)

#### 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>	<u><a href="#">NM_032946</a></u> , <u><a href="#">NM_033152</a></u> , <u><a href="#">NM_033153</a></u> , <u><a href="#">NM_033154</a></u> , <u><a href="#">NM_033155</a></u> , <u><a href="#">NR_028089</a></u> , <u><a href="#">NR_159736</a></u> , <u><a href="#">NR_159739</a></u> , <u><a href="#">NR_159737</a></u> , <u><a href="#">NR_159738</a></u>
<b>UniProt ID:</b>	<u><a href="#">Q9H1B4</a></u>
<b>Components:</b>	NXF5 (Human) – 3 unique 27mer siRNA duplexes – 2 nmol each (Locus ID 55998) Included – SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex – 2 nmol Included – SR30005, RNase free siRNA Duplex Resuspension Buffer – 2 ml
<b>Summary:</b>	This gene is one member of a family of nuclear RNA export factor genes. The encoded protein can bind RNA, and is implicated in mRNA nuclear export. However, this protein has lost several C-terminal protein domains found in other family members that are required for export activity, and may be an evolving pseudogene. Alternatively spliced transcript variants have been described, but most are candidates for nonsense-mediated decay (NMD) and may not express proteins in vivo. [provided by RefSeq, Jul 2009]



**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).