

## Product datasheet for **SR311471**

### **NDRG2 Human siRNA Oligo Duplex (Locus ID 57447)**

#### **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_001282211</a> , <a href="#">NM_001282212</a> , <a href="#">NM_001282213</a> , <a href="#">NM_001282214</a> , <a href="#">NM_001282215</a> , <a href="#">NM_001282216</a> , <a href="#">NM_001320329</a> , <a href="#">NM_016250</a> , <a href="#">NM_201535</a> , <a href="#">NM_201536</a> , <a href="#">NM_201537</a> , <a href="#">NM_201538</a> , <a href="#">NM_201539</a> , <a href="#">NM_201540</a> , <a href="#">NM_201541</a> , <a href="#">NM_001354558</a> , <a href="#">NM_001354559</a> , <a href="#">NM_001354560</a> , <a href="#">NM_001354561</a> , <a href="#">NM_001354562</a> , <a href="#">NM_001354564</a> , <a href="#">NM_001354565</a> , <a href="#">NM_001354566</a> , <a href="#">NM_001354567</a> , <a href="#">NM_001354568</a> , <a href="#">NM_001354569</a> , <a href="#">NM_001354570</a>
<b>UniProt ID:</b>	<a href="#">Q9UN36</a>
<b>Synonyms:</b>	SYLD
<b>Components:</b>	NDRG2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 57447) 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 a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2017]



[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).