

## Product datasheet for **SR306696**

### USP15 Human siRNA Oligo Duplex (Locus ID 9958)

#### 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_001252078</a> , <a href="#">NM_001252079</a> , <a href="#">NM_006313</a> , <a href="#">NM_001351159</a> , <a href="#">NM_001351160</a> , <a href="#">NM_001351161</a> , <a href="#">NM_001351162</a> , <a href="#">NM_001351163</a> , <a href="#">NM_001351164</a> , <a href="#">NM_001351165</a> , <a href="#">NM_001351166</a> , <a href="#">NR_147078</a> , <a href="#">NR_147079</a> , <a href="#">NR_147080</a> , <a href="#">NR_147081</a> , <a href="#">NR_147082</a>
UniProt ID:	<a href="#">Q9Y4E8</a>
Synonyms:	UNPH-2; UNPH4
Components:	USP15 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9958) 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 member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. [provided by RefSeq, Nov 2011]



[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).