

## Product datasheet for **SR309747**

### UCH37 (UCHL5) Human siRNA Oligo Duplex (Locus ID 51377)

#### 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_001199261</a> , <a href="#">NM_001199262</a> , <a href="#">NM_001199263</a> , <a href="#">NM_015984</a> , <a href="#">NR_037607</a> , <a href="#">NM_001350840</a> , <a href="#">NM_001350841</a> , <a href="#">NM_001350842</a> , <a href="#">NM_001350843</a> , <a href="#">NM_001350844</a> , <a href="#">NM_001350845</a> , <a href="#">NM_001350846</a> , <a href="#">NM_001350847</a> , <a href="#">NM_001350848</a> , <a href="#">NM_001350849</a> , <a href="#">NM_001350850</a> , <a href="#">NM_001350851</a> , <a href="#">NM_001350852</a> , <a href="#">NR_146930</a> , <a href="#">NR_146931</a>
UniProt ID:	<a href="#">Q9Y5K5</a>
Synonyms:	CGI-70; INO80R; UCH-L5; UCH37
Components:	UCHL5 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 51377) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome. Putative regulatory component of the INO80 complex; however is inactive in the INO80 complex and is activated by a transient interaction of the INO80 complex with the proteasome via ADRM1. [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).