

## Product datasheet for **SR305010**

### UBE3A Human siRNA Oligo Duplex (Locus ID 7337)

#### 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_000462</a> , <a href="#">NM_130838</a> , <a href="#">NM_130839</a> , <a href="#">NM_001354505</a> , <a href="#">NM_001354506</a> , <a href="#">NM_001354507</a> , <a href="#">NM_001354508</a> , <a href="#">NM_001354509</a> , <a href="#">NM_001354511</a> , <a href="#">NM_001354512</a> , <a href="#">NM_001354513</a> , <a href="#">NM_001354523</a> , <a href="#">NM_001354526</a> , <a href="#">NM_001354538</a> , <a href="#">NM_001354539</a> , <a href="#">NM_001354540</a> , <a href="#">NM_001354541</a> , <a href="#">NM_001354542</a> , <a href="#">NM_001354543</a> , <a href="#">NM_001354544</a> , <a href="#">NM_001354545</a> , <a href="#">NM_001354546</a> , <a href="#">NM_001354547</a> , <a href="#">NM_001354548</a> , <a href="#">NM_001354549</a> , <a href="#">NM_001354550</a> , <a href="#">NM_001354551</a> , <a href="#">NR_148916</a>
UniProt ID:	<a href="#">Q05086</a>
Synonyms:	ANCR; AS; E6-AP; EPVE6AP; HPVE6A
Components:	UBE3A (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 7337) 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 an E3 ubiquitin-protein ligase, part of the ubiquitin protein degradation system. This imprinted gene is maternally expressed in brain and biallelically expressed in other tissues. Maternally inherited deletion of this gene causes Angelman Syndrome, characterized by severe motor and intellectual retardation, ataxia, hypotonia, epilepsy, absence of speech, and characteristic facies. The protein also interacts with the E6 protein of human papillomavirus types 16 and 18, resulting in ubiquitination and proteolysis of tumor protein p53. Alternative splicing of this gene results in three transcript variants encoding three isoforms with different N-termini. Additional transcript variants have been described, but their full length nature has not been determined. [provided by RefSeq, Jul 2008]



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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).