

## Product datasheet for **SR315394**

### **KRT72 Human siRNA Oligo Duplex (Locus ID 140807)**

#### **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_001146225</a> , <a href="#">NM_001146226</a> , <a href="#">NM_080747</a>
<b>UniProt ID:</b>	<a href="#">Q14CN4</a>
<b>Synonyms:</b>	CK-72; K6irs; K6IRS2; K72; KRT6; KRT6IRS2
<b>Components:</b>	KRT72 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 140807) 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>	Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells. The type II keratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This gene encodes a type II keratin that is specifically expressed in the inner root sheath of hair follicles. The type II keratins are clustered in a region of chromosome 12q12-q13. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2009]



[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).