

Product datasheet for **SR308905**

RPS6KC1 Human siRNA Oligo Duplex (Locus ID 26750)

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:	NM_001136138 , NM_001287218 , NM_001287219 , NM_001287220 , NM_001287221 , NM_012424 , NM_058253 , NM_001349646 , NM_001349647 , NM_001349648 , NM_001349649 , NM_001349650 , NM_001349651 , NM_001349652 , NM_001349653 , NM_001349654 , NM_001349657 , NM_001349658 , NM_001349659 , NM_001349660 , NM_001349661 , NM_001349662 , NM_001349663 , NM_001349664 , NM_001349665 , NM_001349666 , NM_001349667 , NM_001349668 , NM_001349669 , NM_001349670 , NM_001349671 , NM_001349672 , NR_146207 , NR_146208 , NR_146209 , NR_146210
UniProt ID:	Q96S38
Synonyms:	humS6PKh1; RPK118; RSKL1; S6K-delta-1; S6PKh1
Components:	RPS6KC1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 26750) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Sphingosine kinase catalyzes the formation of sphingosine 1 phosphate, a lipid cellular messenger. The protein encoded by this gene can bind to sphingosine kinase and to phosphatidylinositol 3-phosphate, suggesting a role in sphingosine 1 phosphate signaling. The encoded protein can also bind to peroxiredoxin-3 and may help transport it to mitochondria. [provided by RefSeq, Mar 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. 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).