

## Product datasheet for **SR309466**

### EXOSC1 Human siRNA Oligo Duplex (Locus ID 51013)

#### 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_001318362</a> , <a href="#">NM_001318363</a> , <a href="#">NM_001318364</a> , <a href="#">NM_001318365</a> , <a href="#">NM_001318366</a> , <a href="#">NM_016046</a> , <a href="#">NR_134586</a> , <a href="#">NR_134587</a> , <a href="#">N34159</a>
UniProt ID:	<a href="#">Q9Y3B2</a>
Synonyms:	CGI-108; CSL4; Csl4p; p13; PCH1F; SKI4; Ski4p
Components:	EXOSC1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 51013) 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 core component of the exosome. The mammalian exosome is required for rapid degradation of AU rich element-containing RNAs but not for poly(A) shortening. The association of this protein with the exosome is mediated by protein-protein interactions with ribosomal RNA-processing protein 42 and ribosomal RNA-processing protein 46. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2016]



[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).