

Product datasheet for **SR306310**

PAGE4 Human siRNA Oligo Duplex (Locus ID 9506)

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_001318877 , NM_007003
UniProt ID:	O60829
Synonyms:	CT16.7; GAGE-9; GAGEC1; JM-27; JM27; PAGE-1; PAGE-4
Components:	PAGE4 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 9506) 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 is a member of the GAGE family. The GAGE genes are expressed in a variety of tumors and in some fetal and reproductive tissues. This gene is strongly expressed in prostate and prostate cancer. It is also expressed in other male and female reproductive tissues including testis, fallopian tube, uterus, and placenta, as well as in testicular cancer and uterine cancer. The protein encoded by this gene shares sequence similarity with other GAGE/PAGE proteins, and also belongs to a family of CT (cancer-testis) antigens. The protein may play a role in benign and malignant prostate diseases. A related pseudogene is located on chromosome 7. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]



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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. 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).