

## Product datasheet for **SR303812**

### PSG6 Human siRNA Oligo Duplex (Locus ID 5675)

#### 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_001031850</a> , <a href="#">NM_002782</a>
UniProt ID:	<a href="#">Q00889</a>
Synonyms:	PSBG-6; PSBG-10; PSBG-12; PSG10; PSGGB
Components:	PSG6 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 5675) 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 pregnancy-specific glycoprotein (PSG) gene family. The PSG genes are a subgroup of the carcinoembryonic antigen (CEA) family of immunoglobulin-like genes, and are found in a gene cluster at 19q13.1-q13.2 telomeric to another cluster of CEA-related genes. The PSG genes are expressed by placental trophoblasts and released into the maternal circulation during pregnancy, and are thought to be essential for maintenance of normal pregnancy. The protein encoded by this gene contains the Arg-Gly-Asp tripeptide associated with cellular adhesion and recognition. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jul 2012]



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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).