

## Product datasheet for **SR324314**

### PIGG Human siRNA Oligo Duplex (Locus ID 54872)

#### 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_001127178</a> , <a href="#">NM_001289051</a> , <a href="#">NM_001289052</a> , <a href="#">NM_001289053</a> , <a href="#">NM_001289055</a> , <a href="#">NM_001289057</a> , <a href="#">NM_001345986</a> , <a href="#">NM_001345987</a> , <a href="#">NM_001345988</a> , <a href="#">NM_001345989</a> , <a href="#">NM_001345990</a> , <a href="#">NM_001345991</a> , <a href="#">NM_001345994</a> , <a href="#">NM_017733</a> , <a href="#">NR_110293</a> , <a href="#">NR_144326</a> , <a href="#">NR_144327</a> , <a href="#">NR_144328</a> , <a href="#">NR_144329</a> , <a href="#">NR_144330</a> , <a href="#">NR_144331</a> , <a href="#">NR_144332</a> , <a href="#">NR_144333</a> , <a href="#">NR_144334</a>
UniProt ID:	<a href="#">Q5H8A4</a>
Synonyms:	GPI7; LAS21; MRT53; PRO4405; RLGS1930
Components:	PIGG (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 54872) 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 an enzyme involved in glycosylphosphatidylinositol-anchor biosynthesis. The encoded protein, which is localized to the endoplasmic reticulum, is involved in transferring ethanoloamine phosphate to mannose 2 of glycosylphosphatidylinositol species H7 to form species H8. Allelic variants of this gene have been associated with intellectual disability, hypotonia, and early-onset seizures. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 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](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).