

## Product datasheet for **SR309844**

### PEX5 related protein (PEX5L) Human siRNA Oligo Duplex (Locus ID 51555)

#### 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_001256750</a> , <a href="#">NM_001256751</a> , <a href="#">NM_001256752</a> , <a href="#">NM_001256753</a> , <a href="#">NM_001256754</a> , <a href="#">NM_001256755</a> , <a href="#">NM_001256756</a> , <a href="#">NM_016559</a> , <a href="#">NM_001349386</a> , <a href="#">NM_001349387</a> , <a href="#">NM_001349388</a> , <a href="#">NM_001349389</a> , <a href="#">NM_001349390</a> , <a href="#">NM_001349391</a> , <a href="#">NM_001349392</a> , <a href="#">NM_001349393</a> , <a href="#">NM_001349394</a> , <a href="#">NM_001349395</a> , <a href="#">NM_001349396</a> , <a href="#">NM_001349397</a> , <a href="#">NM_001349398</a> , <a href="#">NM_001349399</a> , <a href="#">NM_001349401</a> , <a href="#">NM_001349404</a> , <a href="#">NM_001349406</a> , <a href="#">NM_001349408</a> , <a href="#">NM_001349409</a> , <a href="#">NM_001349410</a> , <a href="#">NR_146167</a>
UniProt ID:	<a href="#">Q8IYB4</a>
Synonyms:	PEX5R; PEX5RP; PXR2; PXR2B; TRIP8b
Components:	PEX5L (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 51555) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Accessory subunit of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels, regulating their cell-surface expression and cyclic nucleotide dependence.[UniProtKB/Swiss-Prot Function]



[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).