

## Product datasheet for **SR312907**

### **PABPC1L Human siRNA Oligo Duplex (Locus ID 80336)**

#### **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:	<u><a href="#">NM_001124756</a></u> , <u><a href="#">NR_134983</a></u> , <u><a href="#">NR_134984</a></u> , <u><a href="#">NR_134985</a></u> , <u><a href="#">NR_134986</a></u> , <u><a href="#">NR_134987</a></u>
Synonyms:	C20orf119; dj1069P2.3; EPAB; PABPC1L1
Components:	PABPC1L (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 80336) 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 belongs to the polyadenylate-binding protein type-1 family of proteins. Members of this family bind to the polyA tails of mRNAs to regulate mRNA stability and translation. The mouse ortholog of this gene is required for female fertility. In human, expression of a functional protein is regulated by alternative splicing. The protein-coding splice variant for this gene is abundantly expressed in human oocytes, while a noncoding splice variant subject to nonsense-mediated decay is the predominant splice variant expressed in somatic tissues. [provided by RefSeq, Aug 2019]



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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).