

## Product datasheet for **SR312868**

### PHAF1 Human siRNA Oligo Duplex (Locus ID 80262)

#### Product data:

|                            |                                                                                                                                                                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type:</b>       | siRNA Oligo Duplexes                                                                                                                                                                                                                                     |
| <b>Purity:</b>             | HPLC purified                                                                                                                                                                                                                                            |
| <b>Quality Control:</b>    | Tested by ESI-MS                                                                                                                                                                                                                                         |
| <b>Sequences:</b>          | Available with shipment                                                                                                                                                                                                                                  |
| <b>Stability:</b>          | One year from date of shipment when stored at -20°C.                                                                                                                                                                                                     |
| <b># of transfections:</b> | Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).                                                                                                                                                   |
| <b>Note:</b>               | Single siRNA duplex (10nmol) can be ordered.                                                                                                                                                                                                             |
| <b>RefSeq:</b>             | <u><a href="#">NM_001320540</a></u> , <u><a href="#">NM_001320541</a></u> , <u><a href="#">NM_001320542</a></u> , <u><a href="#">NM_001320543</a></u> , <u><a href="#">NM_025187</a></u>                                                                 |
| <b>UniProt ID:</b>         | <u><a href="#">Q9BSU1</a></u>                                                                                                                                                                                                                            |
| <b>Synonyms:</b>           | C16orf6; lin-10; LIN10                                                                                                                                                                                                                                   |
| <b>Components:</b>         | C16orf70 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 80262)<br>Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol<br>Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml |
| <b>Summary:</b>            | Plays a regulatory role in autophagic activity. In complex with BCAS3, associates with the autophagosome formation site during both non-selective and selective autophagy.<br>[UniProtKB/Swiss-Prot Function]                                            |



**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).