

Product datasheet for **SR422531**

Ppfia2 Mouse siRNA Oligo Duplex (Locus ID 327814)

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:	NM_001205341 , NM_177373 , NM_001359675 , NM_001359678 , NM_001359680 , NM_001359686 , NM_001359690 , NM_001359694 , NM_001359698 , NM_001359672 , NM_001359673 , NM_001359674 , NM_001359676 , NM_001359677 , NM_001359679 , NM_001359681 , NM_001359682 , NM_001359683 , NM_001359684 , NM_001359685 , NM_001359687 , NM_001359688 , NM_001359689 , NM_001359691 , NM_001359692 , NM_001359693 , NM_001359695 , NM_001359696 , NM_001359697
UniProt ID:	Q8BSS9
Synonyms:	5330438O12; B230207K17Rik; E130120L08Rik; mKIAA4112
Components:	Ppfia2 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 327814) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Alters PTPRF cellular localization and induces PTPRF clustering. May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates (By similarity).[UniProtKB/Swiss-Prot Function]



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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. 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).