

Product datasheet for **SR420323**

Arpp21 Mouse siRNA Oligo Duplex (Locus ID 74100)

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_001177615 , NM_001177616 , NM_001177617 , NM_001177618 , NM_001177619 , NM_001177620 , NM_001177623 , NM_028755 , NM_033264 , NM_001362000 , NM_001362001 , NM_001362002 , NM_001362003 , NM_001362004 , NM_001362005 , NM_001362006 , NM_001362007 , NM_001362008 , NM_001362009 , NM_001362010 , NM_001362011 , NM_001362012 , NM_001362013 , NM_001362014 , NM_001362015 , NM_001362016 , NM_001362017 , NM_001362018 , NM_001362019 , NM_001362020 , NM_001362021 , NM_001362022 , NM_001362023 , NM_001362024 , NM_001362025 , NM_001362026 , NM_001362027 , NM_001362028 , NM_001362029 , NM_001362030 , NM_001362031 , NM_001362032 , NM_001362033 , NM_001362034 , NM_001362035 , NM_001362036 , NM_001362037 , NM_001362038 , NM_001362039 , NM_001362040 , NM_001362041
UniProt ID:	Q9DCB4
Synonyms:	0710001E13Rik; AI853636; ARPP-21; D9Bwg1012e; R3hdm3; Tarpp
Components:	Arpp21 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 74100) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Isoform 2 may act as a competitive inhibitor of calmodulin-dependent enzymes such as calcineurin in neurons.[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).