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Product datasheet for SR422379

Wapl Mouse siRNA Oligo Duplex (Locus ID 218914)

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_001004436, NM_001301330
UniProt ID:	Q65Z40
Synonyms:	A530089A20Rik; BC037674; DIF-2; FOE; W; Wapal
Components:	Wapl (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 218914) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Studies suggest that the protein encoded by this gene is important for the release of cohesin from chromatin. This gene product is thought to be essential for development, and reduced expression of this gene in cells causes defects in chromatin structure. High levels of expression of the human ortholog of this gene are observed in cervical cancers, and expression of the human ortholog of this gene in mice results in tumor formation. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Aug 2014]

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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).