

Product datasheet for **SR418954**

Khynyn Mouse siRNA Oligo Duplex (Locus ID 219094)

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_027143 , NR_138134
UniProt ID:	Q80U38
Synonyms:	6330555F21; 9130227C08Rik; AI605259; Kiaa0323; mKIAA0323
Components:	Khynyn (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 219094) 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 encodes a protein with a C-terminal RNA modifying domain that belongs to a family of ribonucleases typified by eukaryotic Nedd4-binding protein1 and the bacterial YacP-like nucleases (NYN). The NYN domain shares a common protein fold with two other groups of nucleases, the PiIT N-terminal nuclease and FLAP nuclease superfamilies. In addition to the NYN domain, the protein encoded by this gene also contains an N-terminal K homology RNA-binding domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]



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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).