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Product datasheet for SR423013

Slx4 Mouse siRNA Oligo Duplex (Locus ID 52864)

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_177472
UniProt ID:	Q6P1D7
Synonyms:	AI256635; AI426760; Btbd12; D16Bwg1016e
Components:	Slx4 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 52864) 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 containing a BTB (POZ) domain that comprises a subunit of structure-specific endonucleases. The encoded protein aids in the resolution of DNA secondary structures that arise during the processes of DNA repair and recombination. Knock out of this gene in mouse recapitulates the phenotype of the human disease Fanconi anemia, including blood cytopenia and susceptibility to genomic instability. [provided by RefSeq, Dec 2013]

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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).