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Product datasheet for SR419893

Cep63 Mouse siRNA Oligo Duplex (Locus ID 28135)

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_001081122, NM_001301689
Synonyms:	4921501M07; AL450317.13gm1; AW107703; CD20; CD20R; D9Mgc41; D9Mgc48e; ET2
Components:	Cep63 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 28135) 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 subunit of the centrosome, the main microtubule-organizing center of the cell. The encoded protein associates with another centrosomal protein, CEP152, to regulate mother-centriole-dependent centriole duplication in dividing cells. Disruption of a similar gene in human has been associated with primary microcephaly (MCPH). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]
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).

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