

Product datasheet for **SR421419**

Unc5d Mouse siRNA Oligo Duplex (Locus ID 210801)

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_001347498 , NM_001347499 , NM_001347500 , NM_001347501 , NM_153135
UniProt ID:	Q8K1S2
Synonyms:	D930029E11Rik; mKIAA1777; Unc5h4
Components:	Unc5d (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 210801) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Receptor for the netrin NTN4 that promotes neuronal cell survival (PubMed:21216843). Plays a role in cell-cell adhesion and cell guidance. Receptor for netrin involved in cell migration (By similarity). Plays a role in the regulation of neuronal cell migration in the developing brain via its interaction with FLRT2 (PubMed:21673655). Plays a role in axon guidance by mediating axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding (PubMed:21673655). May play a role in apoptosis in response to DNA damage. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand (By similarity). Mediates cell-cell adhesion via its interaction with FLRT3 on an adjacent cell (PubMed:26235030).[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).