

Product datasheet for **SR317228**

CCDC66 Human siRNA Oligo Duplex (Locus ID 285331)

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_001012506 , NM_001130911 , NM_001141947 , NR_024460 , NM_001353147 , NM_001353148 , NM_001353149 , NM_001353150 , NM_001353151 , NM_001353152 , NM_001353153 , NM_001353154 , NM_001353155 , NM_001353156 , NM_001353158 , NM_001353160 , NR_148366 , NR_148367 , NR_148368 , NR_148369 , NR_148370 , NR_148371 , NR_148372 , NR_148373 , NR_148374 , NR_148375 , NR_148376 , NR_148377 , NR_148378
UniProt ID:	A2RUB6
Components:	CCDC66 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 285331) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Microtubule-binding protein required for ciliogenesis (PubMed:28235840). May function in ciliogenesis by mediating the transport of proteins like BBS4 to the cilium, but also through the organization of the centriolar satellites (PubMed:28235840). Plays a role in retina morphogenesis and/or homeostasis (By similarity).[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).