

Product datasheet for **SR310022**

WDR9 (BRWD1) Human siRNA Oligo Duplex (Locus ID 54014)

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_001007246 , NM_018963 , NM_033656
UniProt ID:	Q9NSI6
Synonyms:	C21orf107; DCAF19; N143; WDR9; WRD9
Components:	BRWD1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 54014) 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 member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartic acid (GH-WD) residues which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 2 bromodomains and multiple WD repeats. This gene is located within the Down syndrome region-2 on chromosome 21. Alternative splicing of this gene generates multiple transcript variants encoding distinct isoforms. In mouse, this gene encodes a nuclear protein that has a polyglutamine-containing region that functions as a transcriptional activation domain which may regulate chromatin remodelling and associates with a component of the SWI/SNF chromatin remodelling complex.[provided by RefSeq, Jun 2011]



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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).