

Product datasheet for **SR314216**

WDR85 (DPH7) Human siRNA Oligo Duplex (Locus ID 92715)

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_138778 , NM_001346370 , NM_001346371 , NM_001346372 , NM_001346373 , NM_001346374 , NM_001346375 , NM_001346376 , NM_001346377 , NM_001346378 , NM_001346379 , NM_001346380 , NM_001346381 , NM_001346382 , NM_001346383 , NM_001346384 , NM_001346385 , NM_001346386 , NM_001346387 , NM_001346388 , NM_001346389 , NM_001346390 , NM_001346391 , NM_001346392 , NM_001346393 , NM_001346394 , NM_001346395 , NM_001346396
UniProt ID:	Q9BTV6
Synonyms:	C9orf112; RRT2; WDR85
Components:	DPH7 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 92715) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Diphthamide is a post-translationally modified histidine residue present in elongation factor 2, and is the target of diphtheria toxin. This gene encodes a protein that contains a WD-40 domain, and is thought to be involved in diphthamide biosynthesis. A similar protein in yeast functions as a methyltransferase, converting methylated diphthine to diphthine, which can then undergo amidation to produce diphthamide. [provided by RefSeq, Oct 2016]



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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).