

Product datasheet for **SR317044**

C14orf68 (SLC25A47) Human siRNA Oligo Duplex (Locus ID 283600)

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_207117 , NM_001350877
UniProt ID:	Q6Q0C1
Synonyms:	C14orf68; HDCMP; HDMCP; HMFN1655
Components:	SLC25A47 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 283600) 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 a large family of mitochondrial transporters. The nuclear-encoded carrier protein is embedded in the inner mitochondrial membrane. This member of the family is thought to be an uncoupling protein that uncouples mitochondrial respiration from ATP synthesis by dissipating the transmembrane proton gradient. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017]



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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).