

Product datasheet for **SR315268**

NDUFAF6 Human siRNA Oligo Duplex (Locus ID 137682)

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_001330582 , NM_152416 , NM_001354514 , NM_001354515 , NM_001354516 , NM_001354517 , NM_001354518 , NM_001354519 , NM_001354521 , NM_001354522 , NM_001354524 , NM_001354525 , NM_001354527 , NM_001354528 , NM_001354529 , NM_001354530 , NM_001354531 , NM_001354532 , NM_001354533 , NM_001354534 , NR_148903 , NR_148904 , NR_148905 , NR_148906 , NR_148907 , NR_148908 , NR_148909 , NR_148910 , NR_148911 , NR_148912 , NR_148913 , NR_148914 , NR_148915
UniProt ID:	Q330K2
Synonyms:	C8orf38; FRTS5; MC1DN17
Components:	NDUFAF6 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 137682) 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 protein that localizes to mitochondria and contains a predicted phytoene synthase domain. The encoded protein plays an important role in the assembly of complex I (NADH-ubiquinone oxidoreductase) of the mitochondrial respiratory chain through regulation of subunit ND1 biogenesis. Mutations in this gene are associated with complex I enzymatic deficiency. [provided by RefSeq, Nov 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).