

Product datasheet for SR310729

OriGene Technologies, Inc.

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NDUFAF7 Human siRNA Oligo Duplex (Locus ID 55471)

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 001083946, NM 018607, NM 144736, NM 001350024, NM 001350025, NM 001350027,

NR 146401, NR 146402, NR 146403, NR 146404, NR 146405, NR 146406, NR 146407,

NR 146408, NR 146409, NR 146410

UniProt ID: Q7L592

Synonyms: C2orf56; MidA; PRO1853

Components: NDUFAF7 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 55471)

Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol

Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

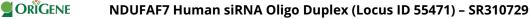
Summary: This gene encodes an assembly factor protein which helps in the assembly and stabilization

of Complex I, a large multi-subunit enzyme in the mitochondrial respiratory chain. Complex I is involved in several physiological activities in the cell, including metabolite transport and ATP synthesis. The encoded protein is a methyltransferase which methylates Arg85 of a subunit of Complex I in the early stages of its assembly. A pseudogene related to this gene is

located on chromosome 8. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Sep 2016]







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).