

Product datasheet for **SR303157**

NFIB Human siRNA Oligo Duplex (Locus ID 4781)

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_001190737 , NM_001190738 , NM_001282787 , NM_005596 , NM_001369458 , NM_001369459 , NM_001369460 , NM_001369463 , NM_001369464 , NM_001369465 , NM_001369466 , NM_001369467 , NM_001369472 , NM_001369473 , NM_001369474 , NM_001369475 , NM_001369476 , NM_001369480 , NM_001369481 , NR_161385 , NM_001369461 , NM_001369462 , NM_001369468 , NM_001369469 , NM_001369470 , NM_001369471 , NM_001369477 , NM_001369478 , NM_001369479 , NR_161382 , NR_161383 , NR_161384
UniProt ID:	O00712
Synonyms:	CTF; HMGIC/NFIB; MACID; NF-I/B; NF1-B; NFI-B; NFI-RED; NFIB2; NFIB3
Components:	NFIB (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 4781) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.[UniProtKB/Swiss-Prot Function]



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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).