

Product datasheet for **SR312655**

NEK11 Human siRNA Oligo Duplex (Locus ID 79858)

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_001146003 , NM_001321220 , NM_001321221 , NM_001321222 , NM_001321223 , NM_001321224 , NM_024800 , NM_145910 , NM_001353022 , NM_001353023 , NM_001353024 , NM_001353025 , NM_001353026 , NM_001353027 , NM_001353028 , NM_001353029 , NM_001353030 , NM_001353031 , NM_001353032 , NM_001353033 , NM_001353034 , NM_001353036 , NM_001353037 , NM_001353038 , NM_001353039 , NM_001353040 , NM_001353041 , NM_001353042 , NM_001353043 , NM_001353044 , NM_001353045 , NM_001353046 , NM_001353048
UniProt ID:	Q8NG66
Components:	NEK11 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 79858) 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 the never in mitosis gene A family of kinases. The encoded protein localizes to the nucleoli, and may function with NEK2A in the S-phase checkpoint. The encoded protein appears to play roles in DNA replication and response to genotoxic stress. Alternatively spliced transcript variants have been described.[provided by RefSeq, Mar 2009]



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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).