

Product datasheet for **SR403985**

Nenf Mouse siRNA Oligo Duplex (Locus ID 66208)

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_025424
UniProt ID:	Q9CQ45
Synonyms:	1110060M21Rik; SCIRP10; Spuf
Components:	Nenf (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 66208) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Acts as a neurotrophic factor in postnatal mature neurons, enhancing neuronal survival (PubMed:15605373). Promotes cell proliferation and neurogenesis in undifferentiated neural pro-generator cells at the embryonic stage and inhibits differentiation of astrocyte (PubMed:16547973). Its neurotrophic activity is exerted via MAPK1/ERK2, MAPK3/ERK1 and AKT1/AKT pathways (PubMed:15605373, PubMed:16547973). Neurotrophic activity is enhanced by binding to heme (PubMed:18056703). Acts also as an anorexigenic neurotrophic factor that contributes to energy balance (PubMed:23576617).[UniProtKB/Swiss-Prot Function]



[View online »](#)

**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).