

Product datasheet for SR317479

NAT8L Human siRNA Oligo Duplex (Locus ID 339983)

Product data:

Product Type: siRNA Oligo Duplexes HPLC purified **Purity: Quality Control:** Tested by ESI-MS Available with shipment Sequences: 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 178557 **UniProt ID:** Q8N9F0 Synonyms: CML3; NACED; NAT8-LIKE **Components:** NAT8L (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 339983) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml This gene encodes a single-pass membrane protein, which contains a conserved sequence of Summary: the GCN5 or NAT superfamily of N-acetyltransferases and is a member of the Nacyltransferase (NAT) superfamily. This protein is a neuron-specific protein and is the Nacetylaspartate (NAA) biosynthetic enzyme, catalyzing the NAA synthesis from L-aspartate and acetyl-CoA. NAA is a major storage and transport form of acetyl coenzyme A specific to the nervous system. The gene mutation results in primary NAA deficiency (hypoacetylaspartia). [provided by RefSeq, Dec 2010]



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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).

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