

Product datasheet for **SR318713**

HEPN1 Human siRNA Oligo Duplex (Locus ID 641654)

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_001037558
UniProt ID:	Q6WQI6
Synonyms:	cancer susceptibility gene HEPN1; HEPACAM opposite strand 1
Components:	HEPN1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 641654) 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 is expressed predominantly in the liver. Transient transfection studies show the expression of this gene significantly inhibits cell growth, suggesting a role for this gene in apoptosis. Expression of this gene is down-regulated or lost in hepatocellular carcinomas (HCC), suggesting that loss of this gene is involved in carcinogenesis of hepatocytes (PMID:12971969). This gene maps to the 3'-noncoding region of the HEPACAM gene (GeneID:220296) on the antisense strand. [provided by RefSeq, Aug 2020]



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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).