

Product datasheet for **SR302293**

ICA1 Human siRNA Oligo Duplex (Locus ID 3382)

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_001136020 , NM_001276478 , NM_004968 , NM_022307 , NM_022308 , NM_001350819 , NM_001350820 , NM_001350821 , NM_001350823 , NM_001350824 , NM_001350825 , NM_001350826 , NM_001350827 , NM_001350828 , NM_001350829 , NM_001350830 , NM_001350831 , NM_001350832 , NM_001350833 , NM_001350834 , NM_001350835 , NM_001350836 , NM_001350837 , NM_001350838 , NR_146926 , NR_146927 , NR_146928 , NR_146929
UniProt ID:	Q05084
Synonyms:	ICA69; ICAp69
Components:	ICA1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 3382) 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 protein with an arfaptin homology domain that is found both in the cytosol and as membrane-bound form on the Golgi complex and immature secretory granules. This protein is believed to be an autoantigen in insulin-dependent diabetes mellitus and primary Sjogren's syndrome. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]



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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).