

Product datasheet for **SR309461**

ASCC1 Human siRNA Oligo Duplex (Locus ID 51008)

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_001198798 , NM_001198799 , NM_001198800 , NM_015947 , NR_045564 , NM_001369086 , NM_001369085 , NM_001369087 , NM_001369088 , NM_001369090 , NM_001369091 , NM_001369095 , NM_001369098 , NM_001369099 , NM_001369102 , NM_001369107 , NM_001369110 , NM_001369111 , NM_001369112 , NM_001369089 , NM_001369092 , NM_001369093 , NM_001369094 , NM_001369096 , NM_001369097 , NM_001369100 , NM_001369101 , NM_001369103 , NM_001369104 , NM_001369105 , NM_001369106 , NM_001369108 , NM_001369109
UniProt ID:	Q8N9N2
Synonyms:	ASC1p50; CGI-18; p50; SMABF2
Components:	ASCC1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 51008) 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 subunit of the activating signal cointegrator 1 (ASC-1) complex. The ASC-1 complex is a transcriptional coactivator that plays an important role in gene transactivation by multiple transcription factors including activating protein 1 (AP-1), nuclear factor kappa-B (NF-kB) and serum response factor (SRF). The encoded protein contains an N-terminal KH-type RNA-binding motif which is required for AP-1 transactivation by the ASC-1 complex. Mutations in this gene are associated with Barrett esophagus and esophageal adenocarcinoma. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]



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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).