

Product datasheet for **SR309711**

Archaemetzincin 2 (AMZ2) Human siRNA Oligo Duplex (Locus ID 51321)

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_001033569 , NM_001033570 , NM_001033571 , NM_001033572 , NM_001033574 , NM_001289054 , NM_001289056 , NM_016627 , NM_001346471 , NM_001346472 , NM_001346473 , NM_001346474 , NM_001346475 , NM_001346476 , NM_001346477 , NM_001346478 , NM_001346479 , NM_001346480 , NM_001346481 , NM_001346482 , NM_001346483 , NM_001346484 , NM_001346485 , NR_144442 , NR_144443
UniProt ID:	Q86W34
Components:	AMZ2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 51321) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	The protein encoded by this gene is a zinc metalloprotease that displays some activity against angiotensin-3. The encoded protein is inhibited by the aminopeptidase inhibitor amastatin, as well as by the general inhibitors o-phenanthroline and batimastat. Defects in this gene may be associated with lung tumorigenesis. [provided by RefSeq, Oct 2016]



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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).