

Product datasheet for **SR321982**

AREB6 (ZEB1) Human siRNA Oligo Duplex (Locus ID 6935)

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_001128128 , NM_001174093 , NM_001174094 , NM_001174095 , NM_001174096 , NM_001323638 , NM_001323641 , NM_001323642 , NM_001323643 , NM_001323644 , NM_001323645 , NM_001323646 , NM_001323647 , NM_001323648 , NM_001323649 , NM_001323650 , NM_001323651 , NM_001323652 , NM_001323653 , NM_001323654 , NM_001323655 , NM_001323656 , NM_001323657 , NM_001323658 , NM_001323659 , NM_001323660 , NM_001323661 , NM_001323662 , NM_001323663 , NM_001323664 , NM_001323665 , NM_001323666 , NM_001323671 , NM_001323672 , NM_001323673 , NM_001323674 , NM_001323675 , NM_001323676 , NM_001323677 , NM_001323678 , NM_030751 , NR_024285 , NR_024286 , NR_024287
UniProt ID:	P37275
Synonyms:	AREB6; BZP; DELTAEF1; FECD6; NIL2A; PPCD3; TCF8; ZFHEP; ZFH1A
Components:	ZEB1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 6935) 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 zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Mar 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).