

Product datasheet for **SR410706**

Akr1c6 Mouse siRNA Oligo Duplex (Locus ID 83702)

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_030611
UniProt ID:	P70694
Synonyms:	3alpha-HSD; Akr1c1; Hsd17b5
Components:	Akr1c6 (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 83702) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Active toward androgens, estrogens, and xenobiotic substrates. Also exhibits low 20 alpha-HSD activity. Shows a-stereospecificity in hydrogen transfer between cofactors and substrates (A-specific). Preferentially catalyzes the reduction of 4-androstenedione, 5-alpha-androstane-3,17-dione, androsterone and dehydroepiandrosterone to testosterone, dihydrotestosterone, 5-alpha-androstane-3-alpha,17-beta-diol and 5-androstene-3-beta,17-beta-diol, respectively.[UniProtKB/Swiss-Prot Function]



[View online »](#)

**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).