

Product datasheet for **SR420863**

IL17ra Mouse siRNA Oligo Duplex (Locus ID 16172)

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_008359
UniProt ID:	Q60943
Synonyms:	AW538159; Cdw217; IL17r; VDw217
Components:	IL17ra (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 16172) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Receptor for IL17A (PubMed:17911633, PubMed:20554964, PubMed:8777726). Receptor for IL17F (PubMed:17911633, PubMed:20554964). Binds to IL17A with higher affinity than to IL17F (PubMed:17911633). Binds IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RC (By similarity). Also binds heterodimers formed by IL17A and IL17F as part of a heterodimeric complex with IL17RC (By similarity). Receptor for IL17C as part of a heterodimeric complex with IL17RE (PubMed:21993848, PubMed:21993849, PubMed:21982598). Activation of IL17RA leads to induction of expression of inflammatory chemokines and cytokines such as CXCL1, CXCL8/IL8 and IL6 (By similarity).[UniProtKB/Swiss-Prot Function]



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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).