

Product datasheet for **SR404903**

IL17c Mouse siRNA Oligo Duplex (Locus ID 234836)

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_145834
UniProt ID:	Q8K4C5
Synonyms:	IL-17C
Components:	IL17c (Mouse) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 234836) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Cytokine that plays a crucial role in innate immunity of the epithelium, including to intestinal bacterial pathogens, in an autocrine manner. Stimulates the production of antibacterial peptides and proinflammatory molecules for host defense by signaling through the NFKB and MAPK pathways. Acts synergically with IL22, TNF and IL1B in inducing antibacterial peptides. May have protective function by maintaining epithelial homeostasis after an inflammatory challenge, such as that caused in the intestine by dextran sulfate sodium in a colitis model. May also promote an inflammatory phenotype, such as skin in a psoriasis model. Enhanced IL17C/IL17RE signaling may also lead to greater susceptibility to autoimmune diseases, such as autoimmune encephalitis.[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).