

Product datasheet for **KN308241**

Il17rc Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	Il17rc
Locus ID:	171095
Components:	<p>KN308241G1, Il17rc gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCTCCAGAGAGACGACCACA</p> <p>KN308241G2, Il17rc gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAGCAGCGTGCAGTGCCTG</p> <p>KN308241D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

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GE100003, scramble sequence in pCas-Guide vector

Disclaimer:

These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq:

[NM_134159](#), [NM_178942](#)

UniProt ID:

[Q8K4C2](#)

Synonyms:

1110025H02Rik; Gm19850; IL-17RC; IL17-RC; IL17-RL; Il17rl

Summary:

Receptor for IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RA (PubMed:17911633, PubMed:20554964). Receptor for the heterodimer formed by IL17A and IL17B as part of a heterodimeric complex with IL17RA (By similarity). Has also been shown to be the cognate receptor for IL17F and to bind IL17A with high affinity without the need for IL17RA (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:

