

## Product datasheet for **KN209973**

### IL17F Human 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:** IL17F  
**Locus ID:** 112744  
**Components:** **KN209973G1**, IL17F gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTGAGTAGCAGCAATCATTC  
**KN209973G2**, IL17F gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTTTAAGGACTGTGCATGCCT  
**KN209973D**, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

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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**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\\_052872](#), [NM\\_172343](#)

**UniProt ID:**

[Q96PD4](#)

**Synonyms:**

CANDF6; IL-17F; ML-1; ML1

**Summary:**

The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. [provided by RefSeq, Jul 2008]

Product images:

