

Product datasheet for KN209973RB

IL17F Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: IL17F Symbol: Locus ID: 112744

KN209973G1, IL17F gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN209973G2, IL17F gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209973RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

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]



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Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter