

Product datasheet for **KN221789BN**

IL28 Receptor alpha (IFNLR1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	IL28 Receptor alpha
Locus ID:	163702
Components:	KN221789G1 , IL28 Receptor alpha gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCGCTCCAGGTAAGGGCGCG KN221789G2 , IL28 Receptor alpha gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TACCTGGAGCGGCCTGCAGC KN221789BND , donor DNA containing left and right homologous arms and mBFP-Neo 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_170743](#), [NM_173064](#), [NM_173065](#)

UniProt ID: [Q8IU57](#)

Synonyms: CRF2/12; IFNLR; IL-28R1; IL28RA; LICR2

Summary: The protein encoded by this gene belongs to the class II cytokine receptor family. This protein forms a receptor complex with interleukin 10 receptor, beta (IL10RB). The receptor complex has been shown to interact with three closely related cytokines, including interleukin 28A (IL28A), interleukin 28B (IL28B), and interleukin 29 (IL29). The expression of all three cytokines can be induced by viral infection. The cells overexpressing this protein have been found to have enhanced responses to IL28A and IL29, but decreased response to IL28B. Three alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]



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Product images:

