

# Product datasheet for KN214810RB

## **NLRC5 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:** NLRC5 Symbol: Locus ID: 84166

**KN214810G1**, NLRC5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

**KN214810G2**, NLRC5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN214810RBD, 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 001330552, NM 032206

**UniProt ID:** Q86WI3

Synonyms: CLR16.1; NOD4; NOD27

Summary: This gene encodes a member of the caspase recruitment domain-containing NLR family. This

> gene plays a role in cytokine response and antiviral immunity through its inhibition of NFkappa-B activation and negative regulation of type I interferon signaling pathways. [provided

by RefSeq, Oct 2011]



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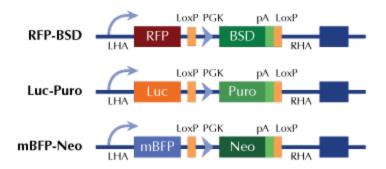
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# **Product images:**

### Donor Vector Edited Chromosome



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