

Product datasheet for **KN207045RB**

NALP12 (NLRP12) 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:	RFP-BSD
Symbol:	NALP12
Locus ID:	91662
Components:	KN207045G1 , NALP12 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN207045G2 , NALP12 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN207045RBD , 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_001277126](#), [NM_001277129](#), [NM_033297](#), [NM_144687](#)

UniProt ID: [P59046](#)

Synonyms: CLR19.3; FCAS2; NALP12; PAN6; PYPAF7; RNO; RNO2

Summary: This gene encodes a member of the CATERPILLER family of cytoplasmic proteins. The encoded protein, which contains an N-terminal pyrin domain, a NACHT domain, a NACHT-associated domain, and a C-terminus leucine-rich repeat region, functions as an attenuating factor of inflammation by suppressing inflammatory responses in activated monocytes. Mutations in this gene cause familial cold autoinflammatory syndrome type 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]



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Product images:

