

Product datasheet for **KN206757LP**

CARD12 (NLRC4) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	CARD12
Locus ID:	58484
Components:	KN206757G1 , CARD12 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN206757G2 , CARD12 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN206757LPD , donor DNA containing left and right homologous arms and Luciferase-Puro 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_001199138 , NM_001199139 , NM_001302504 , NM_021209
UniProt ID:	Q9NPP4
Synonyms:	AIFEC; CARD12; CLAN; CLAN1; CLANA; CLANB; CLANC; CLAND; CLR2.1; FCAS4; IPAF
Summary:	This gene encodes a member of the caspase recruitment domain-containing NLR family. Family members play essential roles in innate immune response to a wide range of pathogenic organisms, tissue damage and other cellular stresses. Mutations in this gene result in autoinflammation with infantile enterocolitis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]



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Product images:

