

Product datasheet for **KN222740**

CARD11 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	CARD11
Locus ID:	84433
Components:	KN222740G1 , CARD11 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN222740G2 , CARD11 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN222740D , donor DNA containing left and right homologous arms and GFP-puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001324281 , NM_032415
UniProt ID:	Q9BXL7
Synonyms:	BENTA; BIMP3; CARMA1; IMD11; PPBL
Summary:	The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. [provided by RefSeq, Jul 2008]



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Product images:

