

Product datasheet for **KN311056BN**

Nlrp6 Mouse 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:	Nlrp6
Locus ID:	101613
Components:	KN311056G1 , Nlrp6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN311056G2 , Nlrp6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN311056BND , 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_001081389 , NM_133946
UniProt ID:	Q91WS2
Synonyms:	AI504961; Nalp6; Navr/Avr; Pypaf5
Summary:	The protein encoded by this gene binds arginine-vasopressin and may be involved in the arginine-vasopressin-mediated regulation of renal salt-water balance. The encoded protein also mediates inflammatory responses in the colon to allow recovery from intestinal epithelial damage and protects against tumorigenesis and the development of colitis. Finally, this protein can increase activation of NF-kappa-B, activation of CASP1 through interaction with ASC, and cAMP accumulation. [provided by RefSeq, Feb 2013]



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Product images:

