

## Product datasheet for **KN221337BN**

### TNFAIP3 Human 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:	TNFAIP3
Locus ID:	7128
Components:	<b>KN221337G1</b> , TNFAIP3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN221337G2</b> , TNFAIP3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN221337BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_001270507</a> , <a href="#">NM_001270508</a> , <a href="#">NM_006290</a>
UniProt ID:	<a href="#">P21580</a>
Synonyms:	A20; AISBL; OTUD7C; TNFA1P2
Summary:	This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). The protein encoded by this gene is a zinc finger protein and ubiquitin-editing enzyme, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. The encoded protein, which has both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2012]



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## Product images:

