

## Product datasheet for **KN201743BN**

### IKK gamma (IKBK $\gamma$ ) 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:	IKK gamma
Locus ID:	8517
Components:	<b>KN201743G1</b> , IKK gamma gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN201743G2</b> , IKK gamma gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN201743BND</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_001099856</a> , <a href="#">NM_001099857</a> , <a href="#">NM_001145255</a> , <a href="#">NM_001321396</a> , <a href="#">NM_001321397</a> , <a href="#">NM_003639</a>
UniProt ID:	<a href="#">Q9Y6K9</a>
Synonyms:	AMCBX1; FIP-3; FIP3; Fip3p; IKK-gamma; IKKAP1; IKKG; IMD33; IP; IP1; IP2; IPD2; NEMO; ZC2HC9
Summary:	This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome. [provided by RefSeq, Mar 2016]



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## Product images:

