

Product datasheet for **KN200458LP**

IRF5 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:	IRF5
Locus ID:	3663
Components:	KN200458G1 , IRF5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN200458G2 , IRF5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN200458LPD , 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_001098627 , NM_001098628 , NM_001098629 , NM_001098630 , NM_001098631 , NM_001242452 , NM_002200 , NM_032643 , NM_001347928 , NM_001364314
UniProt ID:	Q13568
Synonyms:	SLEB10
Summary:	This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Alternative promoter use and alternative splicing result in multiple transcript variants, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment. [provided by RefSeq, Dec 2016]



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Product images:

