

Product datasheet for **KN209951LP**

IRF3 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:	IRF3
Locus ID:	3661
Components:	KN209951G1 , IRF3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN209951G2 , IRF3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN209951LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001197122 , NM_001197123 , NM_001197124 , NM_001197125 , NM_001197126 , NM_001197127 , NM_001197128 , NM_001571 , NR_045568
UniProt ID:	Q14653
Summary:	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. The protein plays an important role in the innate immune response against DNA and RNA viruses. Mutations in this gene are associated with Encephalopathy, acute, infection-induced, herpes-specific, 7. [provided by RefSeq, Sep 2020]



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Product images:

