

Product datasheet for KN200458BN

IRF5 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

IRF5 Symbol: 3663 Locus ID:

KN200458G1, IRF5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN200458G2, IRF5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200458BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

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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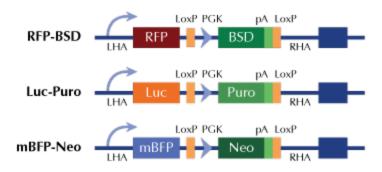
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Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter