

# Product datasheet for KN204894BN

## Fas Ligand (FASLG) 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: Fas Ligand Locus ID: 356 **KN204894G1**, Fas Ligand gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN204894G2, Fas Ligand gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204894BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003, scramble sequence in pCas-Guide vector NM 000639, NM 001302746 RefSeq: **UniProt ID:** P48023 Synonyms: ALPS1B; APT1LG1; APTL; CD95-L; CD95L; CD178; FASL; TNFSF6 This gene is a member of the tumor necrosis factor superfamily. The primary function of the Summary: encoded transmembrane protein is the induction of apoptosis triggered by binding to FAS. The FAS/FASLG signaling pathway is essential for immune system regulation, including activation-induced cell death (AICD) of T cells and cytotoxic T lymphocyte induced cell death. It has also been implicated in the progression of several cancers. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2014]

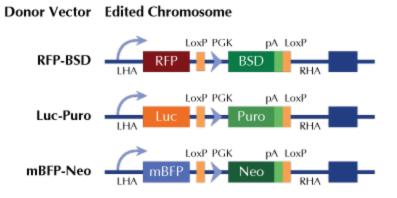
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## **Product images:**



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

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