

Product datasheet for **KN204894RB**

Fas Ligand (FASLG) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Fas Ligand
Locus ID:	356
Components:	KN204894G1 , Fas Ligand gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN204894G2 , Fas Ligand gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204894RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_000639](#), [NM_001302746](#)

UniProt ID: [P48023](#)

Synonyms: ALPS1B; APT1LG1; APTL; CD95-L; CD95L; CD178; FASL; TNFSF6

Summary: This gene is a member of the tumor necrosis factor superfamily. The primary function of the 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:

