

Product datasheet for KN201588RB

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

DR5 (TNFRSF10B) 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: DR5

Locus ID: 8795

Components: KN201588G1, DR5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN201588G2, DR5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201588RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 003842</u>, <u>NM 147187</u>, <u>NR 027140</u>

UniProt ID: <u>014763</u>

Synonyms: CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB;

ZTNFR9

Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains

an intracellular death domain. This receptor can be activated by tumor necrosis factor-related

apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.

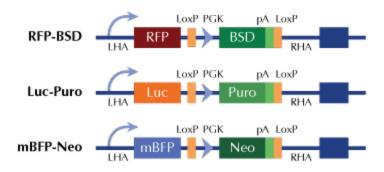
[provided by RefSeq, Mar 2009]





Product images:

Donor Vector Edited Chromosome



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