

Product datasheet for **KN202152LP**

DR4 (TNFRSF10A) 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:	DR4
Locus ID:	8797
Components:	KN202152G1 , DR4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTCGCTGCGCTCCCGGGATT KN202152G2 , DR4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGTACATCTAGGTGCGTTCC KN202152LPD , donor DNA containing left and right homologous arms and Luciferase-Puro 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_003844
UniProt ID:	O00220
Synonyms:	APO2; CD261; DR4; TRAILR-1; TRAILR1
Summary:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq, Jul 2008]



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Product images:

