Product datasheet for KN211318BN

CD28 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:	CD28
Locus ID:	940
Components:	**KN211318G1**, CD28 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN211318G2**, CD28 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN211318BND**, donor DNA containing left and right homologous arms and mBFP-Neo 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_001243077, NM_001243078, NM_006139
UniProt ID:	P10747
Synonyms:	Tp44
Summary:	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]

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Product images:

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