

Product datasheet for **KN312993RB**

Pdcd1lg2 Mouse 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:	Pdcd1lg2
Locus ID:	58205
Components:	KN312993G1 , Pdcd1lg2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN312993G2 , Pdcd1lg2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN312993RBD , 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_021396
UniProt ID:	Q9WUL5
Synonyms:	B7-DC; Btdc; F730015O22Rik; PD-L2
Summary:	Involved in the costimulatory signal essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.[UniProtKB/Swiss-Prot Function]



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Product images:

