

Product datasheet for **KN308364BN**

Insr Mouse 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:	Insr
Locus ID:	16337
Components:	<p>KN308364G1, Insr gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN308364G2, Insr gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN308364BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	<u>NM_010568</u>
UniProt ID:	<u>P15208</u>
Synonyms:	4932439J01Rik; CD220; D630014A15Rik; IR; IR-A; IR-B
Summary:	<p>This gene encodes a member of the receptor tyrosine kinase family of transmembrane signaling proteins that play important roles in cell differentiation, growth and metabolism. The encoded preproprotein undergoes proteolytic processing to generate alpha and beta chains that form a disulfide-linked heterodimer which, in turn homodimerizes to form a mature, functional receptor. Mice lacking the encoded protein develop severe hyperglycemia and hyperketonemia, and die within a couple of days after birth as a result of diabetic ketoacidosis. [provided by RefSeq, Aug 2016]</p>



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Product images:

