

Product datasheet for **KN205281**

ISLR Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	ISLR
Locus ID:	3671
Components:	<p>KN205281G1, ISLR gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TACTTTTCCCCACAGTCGCA</p> <p>KN205281G2, ISLR gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCTCTGGTGGGCGCTTCTCC</p> <p>KN205281D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; Left arm sequence in blue; GFP-puro in green; Right arm in violet

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GGGGGTTTAT TTAGGCAGCT GCCTGGCTAA GTTTGAACAG AACAGGCCAC GGGTGTGATT CCACAGAAAA
GGCCTGGTGT CTGCTGCGGT CATGGCCGGA GGAGCGGGAG AGGGCGGGTG GAGTGGATGG GGGTGGTGTG
CACTGCACAA GGGGCCTCGT CTGGGCCAAG GCAAAGCATA CCTATGGGGG GCTCCGGTGG GAGGGACTGC
GGCCAGGATG TGGGAGGGCA GGGGGAGGTT CTGCAAAGTG CTGGGGGAGG GGGGTGGCTG GAAAACAGAT
TTCAAGTCAT AAAGTCAGCT AGGAACAGGC CGAGGCAGGG AGAACTCTCC ACTCGGAGGA GGAGCTGGGG
TCCTCTTCCA TCCCGTCTC ATCCTGCCTG GCTGCGTGAC CTCGGGCAAG TCTCCGCCCT TCTCTTGGCC
TCAGTTTCTC CTTCCGTAGG ATGGGGGCGG TGGGCTAGGT GGTGTTGGGA TTTAGCTGGG TTATGTGGGA
CAGGGCCTCC TGATGGGAAA GAGCTCTGGC TGGGCTTGTG GGAGGAATGA GTCCCTTTGG CAGTTTCTCG
GGATCCCCTG GGTGACATGC CTTTCTCTGC AGGAGGCACC TCCGTGCCGC CTGGCTTCCC GGCCAATGTG
ACTACACTGA GCCTGTCAGC CAACCGGCTG CCAGGCTTGC CGGAGGGTGC CTTCAGGGAG GTGCCCTGTC
TGCAGTCGCT GTGGCTGGCA CACAATGAGA TCCGCACGGT GGCCGCCGGA GCCCTGGCCT CTCTGAGCCA
TCTCAAGAGC CTGGACCTCA GCCACAATCT CATCTCTGAC TTTGCCTGGA GCGACCTGCA CAACCTCAGT
GCCCTCCAAT TGCTCAAGAT GGACAGCAAC GAGCTGACCT TCATCCCCCG CGACGCCTTC CGCAGCCTCC
GTGCTCTGCG CTCGCTGCAA CTCAACCACA ACCGCTTGA CACATTGGCC GAGGGCACCT TCACCCCGCT
CACC GCGCTG TCCCACCTGC AGATCAACGA GAACCCCTTC GACTGCACCT GCGGCATCGT GTGGCTCAAG
ACATGGGCCC TGACCACGGC CGTGTCCATC CCGGAGCAGG ACAACATCGC CTGCACCTCA CCCCATGTGC
TCAAGGTAC GCCGCTGAGC CGCCTGCCGC CACTGCCATG CTCGGCGCCC TCAGTGCAGC TCAGCTACCA
ACCCAGCCAG

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GE100003, scramble sequence in pCas-Guide vector



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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_005545](#), [NM_201526](#)

UniProt ID:

[O14498](#)

Synonyms:

HsT17563

Product images:
