

Product datasheet for **KN309983RB**

Met 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:	Met
Locus ID:	17295
Components:	<p>KN309983G1, Met gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTTGGTGCAGAGGAGCCATG</p> <p>KN309983G2, Met gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTTCATCTCAGACTTCACTA</p> <p>KN309983RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p>

Homologous arm and RFP-BSD sequences:

pUC vector backbone in gray; Left arm sequence in blue; RFP-BSD in green; Right arm in violet

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ACACACACAC ACAATCCTA TAAACAGCGT GTGATTGCTT GCTTCTAGGA TTTATGATTG TTTTCTTCCA
AAAGGAAGCT AAATTTAGCC TAGTGATTCT ACATGCTCCC AAGGAAACAA TGCCTGCTGT GATTTCTAGA
ATAAATGAAT CTGAGCCACA GTTCCTTTAC TTGACTAAAC AAGAAAGTTT AAGCATCAAC CTAGTCATTA
GCCACAGATA GAAACCCACA TTAAGCAAGC AGCAAGGGTT AAGACACAAT GTGCTGTGTT TCTTATTGAG
CTGCTGAATG CCATTCAGTT GCTGTGTGGC CTCAACACAG AACATTGTTT GCATCACAGA ATGGTCCTTG
AACATGACTC GTTTGTGGCC TGACTIONTAA AATTAATACTA TGTGGAGTCA TGTCCAGCCC TACAATACAT
CTTATGTGA AGCTAGCTAG CAGTTTTTTT CTTTTTCATT CTATGTAAT AAAATTCCAG TTAGGAAATG
TTATTTCTGA TATCGAAGCT GGAGGAGTCA TGCTTCATT TCTCTCTTTG TTTCTAATGA CGACTAAAGG
GCTCTTGCCT GAATGTGTCT TGGCAGATCA ACTCCTCACA CAGCTCCCCA ACTTCACGGC AGAAACCCCC
ATCCAGAATG TCGTCCTACA CGGCCATCAT ATTTATCTCG GAGCCACAAA CTACATTTAT GTTTTAAATG
ACAAAGACCT TCAGAAGGTA TCCGAATTCA AGACCGGGCC CGTGTTGGAA CACCCAGATT GTTTACCTTG
TCGGGACTGC AGCAGCAAAG CCAATTCATC AGGAGGGGTT TGGAAAGACA ACATCAACAT GGCTCTGCTT
GTTGACACAT ACTATGATGA TCAACTCATT AGCTGTGGCA GTGTCAACAG AGGGACTTGC CAGCGGCATG
TCCTTCTCC TGACAATTCT GCTGACATCC AGTCTGAGGT CCACTGCATG TTCTCCCAG AAGAGGAGTC
AGGGCAGTGT CCTGACTGTG TAGTGAGTGC CCTCGGAGCC AAAGTCCTCC TGTCGGAAAA GGACCGGTTT
ATCAATTTCT TTGTGGGGAA TACGATCAAT TCCTCCTATC CTCCTGGTTA TTCACTGCAT TCGATATCGG
TGAGACGGCT GAAGGAAACC CAAGATGGTT TTAAGTTTTT GACAGACCAG TCCTATATTG ATGCTTACC
AGAATTCCAA

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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_008591](#)

Synonyms: A1838057; c-Met; HGF; HGFR; Par4

Product images:

