

Product datasheet for **KN307689BN**

Hgd 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:	Hgd
Locus ID:	15233
Components:	<p>KN307689G1, Hgd gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN307689G2, Hgd gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN307689BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. Homologous arm and mBFP-Neo sequences: pUC vector backbone in gray; <i>Left arm sequence in blue</i> ; <i>mBFP-Neo in green</i> ; <i>Right arm in violet</i></p> <pre> CATGAGGCTG TCAGCAGTTC ATGATCTGGG AGCTGAGCTC ATGCACAGGA GACAGTGCCA GAGAGCATCC AGTCCTTG TG CCCTTCTCG GGCTGCTTGC ACCAGGTCAA AGCACATTGC AGGTTTTTTT CCATGGGCAC TGGATACTGG CCCTGCACCT TCTGACCTG AGTCAGGACT AAGAGAGAAT TCTCTGTTAC ATCTGGCAGG TGCTAACTCT TAGATAGCTT TACATCCTCT GCCTTTGGGG AAAAAAAGAC TTCCTTAAAG TGAACAAAT AATTGGTCAA TGTTTATATC AGGTGAAAGA GACCAGTTCC TGGGGAGGTG GAGGGAGCTC TCAGAAATGA CCTGGGGTTA AAAAAAAGAA AAAAAAAGAA GGTTGTGCAA GAATTTTCGAT GTAAGCACAT TGGACTTTCT AACTAGTTTC TAACTTGTGT GTCAGTTAAG CAACTCTGCC CTGAGTGACC TCCCACCAA GGAAACACAG AGAACTGGTA AAAATCAACA ACATCCGTCC AGAGAGGAGT TTTAAAGAGA CACGGGAACA TTGGTACCTC ACAAACTCCT TGGCCTGGGT CTCCTCCAG CAGAAGGGAA CAACACTAGA AAAAGAAAGG ACAGAAAAGA AATGGGGAGA AAGGAAGGAA GGATGGAAGA GCTGGAATGA AGAGATGTCT GACAGGTCTA TTAGCCTTCT TCAGCAAGAA TGTGTGGGGT TTCTGCTT CAGAGTTGAA AAAGACTTGT GGGTTGGGGG CTATAGAGAT GGCTTGGTGG TTTAAATACT CTCTGCTCTT CCAGAAGACC TGAGTTCAGT TCCCAGAACC CATTACAGCAG TTCACACTCC AGGTCCAGGG GCTCTGACAC CCTCTTCTAG CCCTGTGGCT TCTGTAGGCT CATGTTAATG TACACACACA CACACACACA CACACACACA CACACACACA CATAACGAA GGAGCTCAGC CTAACCCCG TGATCAGATA CTGCACCACA ATGGTAGTAG ATGTGATTGA GCTGAGGTGA CAAGCAAGAG GTGACAAAAA GCAGTAGCAT CCTTGCCTTT GTTAAGTCCT AATATTGTCG TGTGGATCTG AGAACCTATT AAGAGCTCAC CTTCTAAATG GATGCATGCA TTTCTCCCTG GGTCTCCTTG CCCACTGCTC TCTATCATCC TTGCGGCTGC ACCTCCTGG </pre> <p>GE100003, scramble sequence in pCas-Guide vector</p>



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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_013547](#), [NR_027778](#)

UniProt ID: [O09173](#)

Synonyms: aku; Hgo

Product images:

