

Product datasheet for **KN212588BN**

PLAC8 Human 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:	PLAC8
Locus ID:	51316
Components:	<p>KN212588G1, PLAC8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN212588G2, PLAC8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN212588BND, 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> TCCCGTTCA AGCGATTCTC CTGCCTCGGC CTCCCGAGTA GCTGGAGTTA CAGGCACGCG CCACCAAGCC TGCTAAATTT TTTGCATTTT TAGTAGAGGC GGGGTTTCGC CATACTGGCC AGGCTGGTCT CGAATTCCTG ACCTCAAATG ATCCGTCGGC CTCGGCCTCC CAAAGTGCCG GGATTACAGA CCTGAGTCAC CGCGCCCGGC CCAGTTCGGT GAATTCCTTC CCCTCACCCC CAGGGTCTCT ATCTTGTGAA GGGTGGAGAT AGAAATTCTG TTCTTCAAAC AGAGCAACTT CCTCTACACT GCCTCAGCAT CCTGCCCTA AAGTGGGCTT TAAAGAGCA ACCTCGAGAT TTCTTTTATA TATATATATA TATTTTATTA TACTTTAAGT TCTAGGGTAC ATGTGCACAA CGTGCAGGTT TGTTACATAT GTATACATGT GCCATGTTGG TGTGCTGCAC CCATTAACTC GTCATTTACA TTAGGTATAT CTCCTAATGC TATCCCTCTC CCCTCCCCC ACCCCACAAC AGAGATTCTC AACACCACTC TGCCTTTTCA GTCCACTGCT TTTAAGGCC TGCCTGAAA GCATGTGTGA CTGTTTCAGC GACTGCGGAG TCTGTAAGTG TGTGGGGAAA GAACCCCTT ATTTGATACC GAGGTGAATT ACCAATGACT CAATCCTTCC CCCATTCTC CTTATTGTG TAGAAAAAGT TTCTAACTTA TTACAAGCAC TCTGCATGTC AGGCAATGGT ATGTTTAGCA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAGCCT CCGTATGGAT AACTTAATTT TCTCCAGCCC TTCAAAGAAC AGTCTTACTC CTAATAAAG TTCTGGGTTA AGATAATAGC AAAAGAGCTG ATTGATTCTA ACAACGAGCA GGTCTGGCCT GACTAAATAG AACTTACATT AATTTAAAAA TTCCAAGTTG AACTTGATTT TTTTAGAAAG ACTGTTCTTG CAACATATA ATTAACCTCA TTAATTTATA GTTACATTGT GTCCAGTACC CAAGGGTTAG ATTCATGGTT TCCATATGCG TTCAGAGAAA ACTATTTTAA TGTATATATT TAGGTTTTTT ACACACCTGA GAATAAGAA TTCTGGAGGC AATTAGCTTG TCACTGGGGA AAAAAATCT CTGACTGCTT </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_001130715](#), [NM_001130716](#), [NM_016619](#)

UniProt ID: [Q9NZF1](#)

Synonyms: C15; DGIC; onzin; PNAS-144

Product images:

