

Product datasheet for **KN208937**

CD146 (MCAM) 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:	CD146
Locus ID:	4162
Components:	<p>KN208937G1, CD146 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGGTGAGTTCGCTCGCAGGG</p> <p>KN208937G2, CD146 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCACCGCAGACCCCTAGCCG</p> <p>KN208937D, 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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TCTGTGGGAC TGGCGCAGGG TTCTTCTCCC AAAGCTGCCA GCACTGAGGC TGAGGCAGTG TCAGGCCGGC
GGCAGCGGCA GTGGTGCAAT CGTTCTGGGA AGCGATAGAG GCCGGCCTGA ATTCTCTGTG GCAAGGGAGG
GGAGCCCAAG TGGGAGGCC CTTGGGGACA CCGAGGACCA GGTCCGCTAC TGCTCCTCCC CCAGGAGGTC
CCCTAGGGGC TACATTGGCT GGCAGGGGCT GAGCAGCGGT GAGCCTGGCT GGCTTCGACC CGGGGCGACT
CCGGGCATCC GGGACAGTT CTCCTCGCTG CCACCTCGGC CAGTCAGACC CCGAGACACC TGCTACTACC
CCCTCAGCCT TCCAAGCCA GGAGCCTGGG AGTCCGGCTC TGGCCTACCT CCGGCAGCGC TCCTAGGCGC
AGTCCCCGGG CTGGCGGCGC CGGGGCCCGC CCCCTAGGGC TGGCGGCGCG GGGGCGGGGG CTGGGGGCTG
CGCGGGGCGG GGCGGGCCCG GGCCTCCCG GCCCCCTCCC CCGCCCCCT GACGTCAGCC CCCGGCAGCC
TCGAGCTGCT CACTTGGCTC TCGCCCTCCG GCCGGAAGC GCGCGGCGGG GTCGGGGCGT TCGCTGTGGG
AGGACGAGCC TCCTCCCTGG GTCCCCGATC CCCGGGCGCC TTGCGCGCGA GCAACTTTC TTTGCAGCCA
GTTTGCAGCC GGGATTCTAG AGTATCCCG GAGCAGCACT CGGAAGGCGG GGAGGAGGCT GCTTCTGGGA
ACGAGAAGGG GTGGAGCTCA GCCTTTCGGG GTGCTGGGGG GTGGGTGGTC CCTGAGGTGC TCACTCTGGG
GGCCCGAAT TGAAGCCGGG CAGGAGGCGC AGCTGGGGCG CATCCTCAA GCCTGAATTC CGCGCCCGCC
TGTTGCTGGA AAAGCAGCT TCCTTCGCTG GAGGGGGTGC GCCGACCCAC CCCTTCCCC TTCTGCCTGG
GCATCACGCC AGGCTGGAGG TGAGCGAGAG CGGGAGGTTT GCGGCTCCC GCCCGAGCTG GGCGTTGGCA
GGGTTTGGG GGCAGGTGTG GTCGCCTCGC GCCTCCCCGA GTGATGGGAT CATAGGGGAC AGAGATGAGG
GATGGAGGAT TCCATACTG GAAGCGCCCG CTGGCTTATT TTGGGGACCA CATTGAGGTG GGAAGTGCCG
CCGGGCACCT
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GE100003, scramble sequence in pCas-Guide vector



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