

Product datasheet for **KN218000**

C19orf80 (ANGPTL8) 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:	C19orf80
Locus ID:	55908
Components:	<p>KN218000G1, C19orf80 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCCAGTTCTGGGCCGCCCAT</p> <p>KN218000G2, C19orf80 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CAGCCGGGTCACCATTGCC</p> <p>KN218000D, 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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AACATCACCG CCATTTTACA AGCAGGGAAA CTGAGGTACT TGCACAATCA CCCACGGAGT AAAATGGCAG
TCAGTGGTGA TCTGGGCATA TGCAGGTCTT GGAGATCAGG CTGTGTGACC TTGGGAGAGT CTCTGCCACC
TGCACCTGCC CCCTTGGATA CTAACCAGGC CAATAAAAGC CCCCACGTGG CAAGTATGTG GGAGGGGAAC
AAGAGCAGAT ATTGTAATGG CAGGTCAAAC AGCTCAGGGC AAACCATCAA TGCTTATAAA ATCTTTACTG
TTATTACCAT CATCATTGCG ATGCCTATTC ATAGATGGAG AAACAGGCTC AGCATGGTGA GTCTCAGGAA
CTCCCAGCAG GGTCTGGGGC CGGTCTCTC CCAATGCCCC CCACCCACAC CTGGCCCTGA GCCCCAGGAA
GCGTGATCCC GCGGTGGCCT AGCCGGACAT TCGCCTGATG CAACTATCGC ACCACTGCCA GGCCCTTG TG
CAATGCGGGG CACCAGGTCG GCCAGTTAAC GATTGACTGG GGATCAGTGG GGGTATGAGG CATAAAAGGC
TTCAGTGACA GTGCTGTGGC TATACCTTAG ACCCTCAGTC CAGCTGGGCC AGGCCCTCAA CGGTGTGTAC
AGGACCACGG AGGGACGGCT GACAAAGGCC AGGAACAGCC TGGGTCTCTA TGGCCGCACA ATAGA ACTCC
TGGGGCAGGA GGTCAGCCGG GGCCGGGATG CAGCCCAGGA ACTTCGGGCA AGCCTGTTGG AGACTCAGGT
GGGCACCGTA GCTGCGACAC TGTGGGGTGG CCAGGAGTCC AAAGAGGAGT TCGTGTCTAG GGTAACCAAC
CATCCTGGTT TGCCAGGAC TGAAGGGATT CCTGGGATAC AAGATTTTCA GCGATAAACT CAGGCAAGTC
CTTAGGTACA CAAAGATGAG TTGGACATCC TACTAGTGAC CCACTGTTTA TTAAGCAGAT GGAGGAGGAT
ATTCTGCAGC TGCAGGCAGA GGCCACAGCT GAGGTGCTGG GGGAGGTGGC CCAGGCACAG AAGGTGCTAC
GGGACAGCGT GCAGCGGCTA GAAGTCCAGC TGAGGAGCGC CTGGCTGGGC CCTGCCTACC GAGAATTTGA
GGTCTTAAAG GTAAGGAGCT CCCCCAACCC TAGTGGGCTG AGACCCTGAT TTCCGGCCAG AACTCGCTTC
TGCACCTTGA

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GE100003, scramble sequence in pCas-Guide vector



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RefSeq: [NM_018687](#)

UniProt ID: [Q6UXH0](#)

Synonyms: C19orf80; PRO1185; PVPA599; RIFL; TD26

Summary: Hormone that acts as a blood lipid regulator by regulating serum triglyceride levels (PubMed:22569073, PubMed:22809513, PubMed:23150577). May be involved in the metabolic transition between fasting and refeeding; required to direct fatty acids to adipose tissue for storage in the fed state (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:

