

Product datasheet for **KN209079**

KIF17 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:	KIF17
Locus ID:	57576
Components:	<p>KN209079G1, KIF17 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GACAACCTTCACCGCCTCGG</p> <p>KN209079G2, KIF17 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCTCGTCCCGCTGGTTCAT</p> <p>KN209079D, 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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AAGGCAGCGG ACGCGAAAGG AGCCCAGCCA GGGCTGGCGC TTCCCGCAAG CGGCCGCGCG TGGCTGCGGG
GATCACTCGG GCGAAGCTCG CGGGCCAGGC GGGGCGTTCC CGGGGCCGCT CTTGTGACGC CACGGGCGTT
GCCAGCAAC CGGAACGCC GCGGCGGTGA GCTTGCGGGC AGGCGGCTGG GGCGGCTCCG GGCTCGGGTT
CTGCGGCGGC GCCTGCAGCG CGGATCCCCC ACGTCCCCGC TCGGGCCGGG CCTCAGAAAC GGGCGAGCCC
GGGCGCGGGA GGAAGCGGCG GCCCGGCTC GGGTCTGCG ACGCCAGCT CCCCTCCGGG GCGCCCCCGC
AGGGGTCCCC GCCCCCCGCC GCGGCCCGC CCCTGCCTCA AGGCCCGCC CCCCGTGCC GCGCTGGCC
CCGCCCTTG GCCCGGGCTG CTGGGAGTCC CCGCGGGGC GGGGTGACG TCTGGTCCCG TTGGTCTTGG
GCGCGGCGCC GCTGCGCTGC CAGCCCCTGG TACTGTGGA CTGCGCGCGC GCCCAGTGCT GCATCCAGAA
CCCGGGCGCC GCCGACGAGC CGCCCAAGCA GTTACCTTC GACGGCGCCT ACCACGTGGA CCACGTCAAC
GAGCAGATCT ACAACGAGAT CGCCTATCCG CTGGTGGAGG TGAGGGCGCC CGGCAGGCCG CCCTGCAGGC
GGCAGGGCAT GAGGCCGCC CGAGAGTCCC CAGGGGGCTG CGCTGCCCCC CAGCCAGGAG GAAAGGCCCT
CGAGGGGCGC AGGCGGACGG GAACAGGTAG GTCCGGAGGC TTTTGTCCAG GCGGGACACA ACCAGAGCCT
GCCTCTAATG TCGCTCCGG GTCTGACTA TCCCAGCGT CTCGCCTCC CGGGTCAAG CGATTCTCT
GCCTCAGCT CCAAGTAGC TGGGATTACA GGTGCCTGCC ACCACGCCG TCTAATTTT GTGTTTTTAG
TACAGATGGG GTTTCACCAT
  
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GE100003, scramble sequence in pCas-Guide vector

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.



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RefSeq: [NM_001122819](#), [NM_001287212](#), [NM_020816](#)
UniProt ID: [Q9P2E2](#)
Synonyms: KIF3X; KIF17B; KLP-2; OSM-3
Summary: Transports vesicles containing N-methyl-D-aspartate (NMDA) receptor 2B along microtubules. [UniProtKB/Swiss-Prot Function]

Product images:

