

Product datasheet for **KN403962**

RNF167 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 linear donor
Donor DNA:	EF1a-GFP-P2A-Puro
Symbol:	RNF167
Locus ID:	26001



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Components:
KN403962G1, RNF167 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN403962G2, RNF167 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN403962D, Linear donor DNA containing LoxP-EF1A-tGFP-P2A-Puro-LoxP:

The sequence below is cassette sequence only. The linear donor DNA also contains proprietary target sequence.

LoxP-EF1A-tGFP-P2A-Puro-LoxP (2739 bp)

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ATAACTTCGT ATAATGTATG CTATACGAAG TTATCGTGAG GCTCCGTGTC CCGTCAGTGG GCAGAGCGCA
CATCGCCAC AGTCCCGAG AAGTTGGGG GAGGGGTGCG CAATTGAACC GGTGCCTAGA GAAGGTGGCG
CGGGGTAAAC TGGGAAAGTG ATGTCGTGTA CTGGCTCCGC CTTTTCCCG AGGGTGGGG AGAACCGTAT
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TGTGTGGTTC CCGCGGGCCT GGCCTCTTTA CGGGTTATGG CCCTTGCGTG CCTTGAATTA CTTCCACCTG
GCTGCAGTAC GTGATTCTTG ATCCGAGCT TCGGGTTGGA AGTGGGTGGG AGAGTTCGAG GCCTTGCCTG
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GCCGACGTC AGGTGCCGA AGGACCGCG ACCTGGTGCA TGACCCGCAA GCCCGGTGCC TGAACTTGT
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RefSeq: [NM_001320356](#), [NM_001320357](#), [NM_001320358](#), [NM_001320359](#), [NM_001320360](#), [NM_001320361](#), [NM_001320362](#), [NM_001320363](#), [NM_001320364](#), [NM_001320365](#), [NM_015528](#), [NM_001370306](#), [NM_001370307](#), [NM_001370311](#), [NM_001370303](#), [NM_001370304](#), [NM_001370305](#), [NM_001370308](#), [NM_001370313](#)

UniProt ID: [Q9H6Y7](#)

Synonyms: 5730408C10Rik; LP2254; RING105

Summary: RNF167 is an E3 ubiquitin ligase that interacts with TSSC5 (SLC22A18; MIM 602631) and, together with UBCHE6 (UBE2E1; MIM 602916), facilitates TSSC5 polyubiquitylation (Yamada and Gorbsky, 2006 [PubMed 16314844]).[supplied by OMIM, Mar 2008]

Product images:

