

Product datasheet for **KN310008**

Mettl4 Mouse 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:	Mettl4
Locus ID:	76781
Components:	<p>KN310008G1, Mettl4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGATCCAGTAACCACCCAGG</p> <p>KN310008G2, Mettl4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGCATCATTGCCTCCTGGG</p> <p>KN310008D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p> <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</p> <pre> TCCTATTGCT CTACAACTGA TAACGATTAG GTAGGGCAGG GATCTGAGTA ATGGAGTGAC TTCTGTGGCA ATAGTAGTTT GAAAACACAA CAGCTCTTTT TCCGTTACTT TCTGTGGCCC TCTCTAAATA GATTTATATC ATTTAAAAAA GGGTAAATTC TTATAGGTAA TTAATCTCCT TTGACTTGAC AGGACACTCA CCTTTAAGG ATTTAGTGAC TTGAATACTT GGACCATGTG GACTCGTGCC TTGATTGAG GACCAAAACA GGACCACAGA GGACACCCGA AGAAAGGAGA ATCAAATAA GAAGCGTCTT TGAATGAGT GGCTGAAAAT TTTGAATGAC CAATTCTGAA ATTTAAAGAC ACTTAAAGTA TCGCATTTTT CCTTAGAGGT GATATGTACA CACTCACCTT GTATGTTTAA ATATAAAACC TTCTTGTTG TACAAAGTAC ATCGTTGATA TACAGGACAT TAAGAACTTA ATTACAACAT TGGTATCAAC CCAGGACCCC CATACTGAGC TATACTCCA GTCCTAGTTC TGATTCTTGA TTATCAGTTT TTTGTTTTG TTTTTGTTT TTTTGTGAGA AACTTTGCCA GCATCAAGAG TCTTTTTGTA GTAAAAACAA CCCTACTTCT TCTGTCTACA TGGATTCTCT TCAGCTGGAT CCCGGGTCTC CTTTTGGAGC TCCTGCTATG TGCTTTGCTC CTGACTTAC TACTGTGTCG GGCAATGACG ATGAAGGAAG TTGTGAAGTG ATCACCGAAA AATATGTTT CCGATCTGAG CTATTTAATG TCACCAAACC TTACATAGTT CCAGCTGTTC ACAAAGAGCG CCAACAAAGT AACAAAAAG AAAATCTAGT GACTGACTAT AAACAAGAGG TCTCTGTTC TGTTGGGAAG GTAGGAAGTT TTAATTGTCT TTTTTTTTTT TTAACATGAA ACAAAAAATC TCATTAAGTA TCTCAAACAT CTCCCATTT TCTTTTTTTT TAAAGTTCT AAGATTTTTT TATTTTTTTA TAGTTTTTTT TTCCAATTTT TTTATTAGG ATTTACTTCC TTTACATTTT AAATGCTATC CCGAAAGTTC CCTATGCCCC CCTACCCCA CCTTCCATT TTCTAAGTAT AAAAAAGAGT TAATAATGCA GACGGTGTTA GCATGTCCAA GAGCAGTTGT </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_176917](#), [NM_001357135](#), [NM_001357136](#), [NM_001357137](#), [NM_001357138](#)

UniProt ID: [Q3U034](#)

Synonyms: 2410198H06Rik; A730091E08Rik; AV296509; HsT661

Summary: Probable methyltransferase.[UniProtKB/Swiss-Prot Function]

Product images:

