

Product datasheet for **KN201041**

TWEAKR (TNFRSF12A) 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:	TWEAKR
Locus ID:	51330
Components:	<p>KN201041G1, TWEAKR gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGAGCAAGCGCCAGGTACGC</p> <p>KN201041G2, TWEAKR gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCTCGCTGCGCCGGTTGCTG</p> <p>KN201041D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p> <p>Homologous arm and GFP-puro sequences:</p> <p>pUC vector backbone in gray; Left arm sequence in blue; GFP-puro in green; Right arm in violet</p> <pre> TCACTCTGTC GCCCAGGCTG GAGTGTAGTG GCGCGATCTC GGCTCACTGC AACTTCTGCC TCCCGGGTTC AAGAGATTCT CTGCCTCAG CCTCCTGAGT AGCTCGGATT GCAGGCGCGC GCCACCACGC CCGGCTAATT TTTGATTTC GAGTAGAGAC GCGTTCAC CACGTTGGTC AGGCTGCTCT CGAACTCCTG ACCTCGTAAT CCGCCTGCCT CAGACTCCCA AACTGATGGG ATTAAAGGCG TGAGCCACCG CGTCCGGCCG TTCGTGTCTG ATTCTATAT GTGCTGCCGA AGCGAGCACT CGTGTCTAAT TTTTGATTTC CCCACACCAC GCACGCTGGA CTAGATCACC GGCTGGGCAA GGAAGGGGGT CTGCGTCCCT GCGGGGTCTC GGCAGCTCCC GCGCCAGGAC TTTGTTGAAT GAATGACTGA ACTGAGCGGG CGCCGCGGGG CGGGGCGTCC CGAAGCGGAC CTCAAGGCGG GCGGAGGCGA GAGCTCCGCC CCGGAAGGCG GGGGCGGGGG CGGGGCGGCG GCCGTGGGTC CCTGCCGGCC GGCGGCGGGC GCAGACAGCG GCGGGCGCAG GACGTGCACT GGGACTCCGG GGTGCGGGAA CCCCAGGGCCG GGGCTCGGGA GCCGACTGG GTGTCTGGAG AACAGCGCCG AACTGGGGGA ACAGGCGGAT GTGGGGATCT GGGGTCAGGT GGCCTTCAA CAGCTCGCTC CCGGCTGTGG GAAGTTCCAT CACTCTCAA GCTTCATTCA CAATCCGGGC CTCAGTTTCT CCCACCGTCC AATTGGGGT GGGGGGGGTC TTCAGTTCCA CAAGTCCGAA GTACTTCGAA TGGAGAGAGA AAGTGAGTGA GGGCGGGATG TTAGTCTAG GAAGGGGCAC GCGCCAGCC TGGTCCGTAC AGGGTCTAAC TAGCCCCAGT GATCGACGAG TTGGGGAGGC CGTCGAGAGG CACTAGGGTC TGTGCCCTCT ATACCATGTG GGGTGCCCC TTCCATCCGG TGAATTCACT GCCCAGCTAT GCGGGGGGAG GGAAGGGGT CGGGCCCGGT GCCCAGGAGT GAGTACCCG CCGGCGGCAG GGGGGTTGTG GGGACCTGAC CCCCCCCACC CCCAGCGTCC GCGCTACGC CCTCCCTCCC GGAGCTGCCG TGTCCGGTCC GGGCCGTGCG GTCACCTGTG </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_016639

UniProt ID: Q9NP84

Synonyms: CD266; FN14; TWEAKR

Summary: Receptor for TNFSF12/TWEAK. Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins.[UniProtKB/Swiss-Prot Function]

Product images:

