

Product datasheet for **KN317976**

Tnfrsf12a 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:	Tnfrsf12a
Locus ID:	27279
Components:	<p>KN317976G1, Tnfrsf12a gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCAAGCCGAATCCCAACACG</p> <p>KN317976G2, Tnfrsf12a gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGGATCTGCGGCAGAGACCG</p> <p>KN317976D, 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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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.

RefSeq:

[NM_001161746](#), [NM_013749](#)

UniProt ID:

[Q9CR75](#)

Synonyms:

AI255180; C87282; Fn14; HPIP; TWEAK-R; TweakR

Summary:

Receptor for TNFSF12/TWEAK (By similarity). 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:

