

Product datasheet for KN317976RB

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Tnfrsf12a Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD Tnfrsf12a Symbol: 27279 Locus ID:

KN317976G1, Tnfrsf12a gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

> KN317976G2, Tnfrsf12a gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN317976RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

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

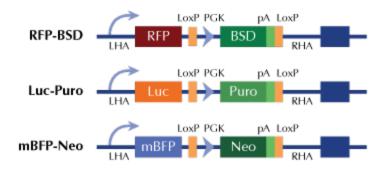
adhesion to matrix proteins.[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter