

Product datasheet for KN216927LP

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

TMEM97 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: TMEM97 Locus ID: 27346

Components: KN216927G1, TMEM97 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN216927G2, TMEM97 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN216927LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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: <u>NM 014573</u>

UniProt ID: Q5BJF2
Synonyms: MAC30

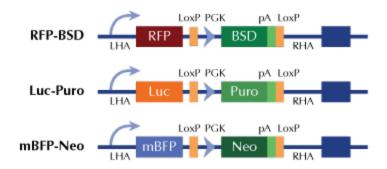
Summary: TMEM97 is a conserved integral membrane protein that plays a role in controlling cellular

cholesterol levels (Bartz et al., 2009 [PubMed 19583955]).[supplied by OMIM, Aug 2009]



Product images:

Donor Vector Edited Chromosome



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