

Product datasheet for KN216927RB

TMEM97 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

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

Donor DNA: Symbol: TMEM97 27346 Locus ID:

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

> KN216927G2, TMEM97 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN216927RBD, 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 014573

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]



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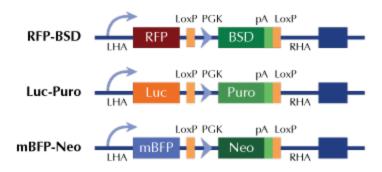
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Product images:

Donor Vector Edited Chromosome



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