

# Product datasheet for KN212977RB

## **FNDC5** 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:** FNDC5 Symbol: Locus ID: 252995

KN212977G1, FNDC5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN212977G2, FNDC5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN212977RBD, 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 001171940, NM 001171941, NM 153756

**UniProt ID:** Q8NAU1 Synonyms: FRCP2; irisin

Summary: This gene encodes a secreted protein that is released from muscle cells during exercise. The

encoded protein may participate in the development of brown fat. Translation of the

precursor protein initiates at a non-AUG start codon at a position that is conserved as an AUG start codon in other organisms. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Jun 2013]



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

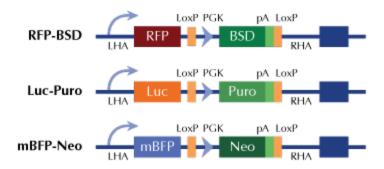
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



# **Product images:**

### Donor Vector Edited Chromosome



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