

Product datasheet for KN216067LP

OriGene Technologies, Inc.

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RQCD1 (CNOT9) 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: RQCD1 Locus ID: 9125

Components: KN216067G1, RQCD1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN216067G2, RQCD1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN216067LPD, 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 001271634, NM 001271635, NM 005444, NR 073390</u>

UniProt ID: Q92600

Synonyms: CAF40; CT129; RCD-1; RCD1; RQCD1

Summary: This gene encodes a member of the highly conserved RCD1 protein family. The encoded

protein is a transcriptional cofactor and a core protein of the CCR4-NOT complex. It may be involved in signal transduction as well as retinoic acid-regulated cell differentiation and development. Alternatively spliced transcript variants have been described for this gene.

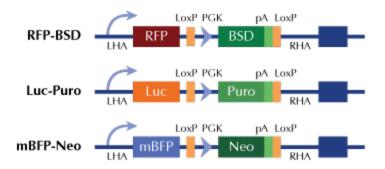
[provided by RefSeq, Oct 2012]





Product images:

Donor Vector Edited Chromosome



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