

Product datasheet for KN204099RB

CYLD 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: CYLD Symbol: Locus ID: 1540

KN204099G1, CYLD gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN204099G2, CYLD gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN204099RBD, 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.

NM 001042355, NM 001042412, NM 015247, NM 016385 RefSeq:

UniProt ID: Q9NQC7

Synonyms: BRSS; CDMT; CYLD1; CYLDI; EAC; MFT; MFT1; SBS; TEM; USPL2

Summary: This gene is encodes a cytoplasmic protein with three cytoskeletal-associated protein-glycine-

> conserved (CAP-GLY) domains that functions as a deubiquitinating enzyme. Mutations in this gene have been associated with cylindromatosis, multiple familial trichoepithelioma, and Brooke-Spiegler syndrome. Alternate transcriptional splice variants, encoding different

isoforms, have been characterized. [provided by RefSeq, Jul 2008]



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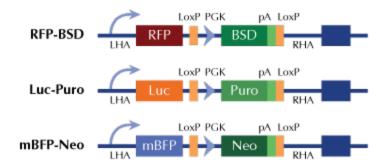
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Product images:

Donor Vector Edited Chromosome



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