

Product datasheet for KN200018RB

LCMT1 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:RFP-BSDSymbol:LCMT1Locus ID:51451

Components: KN200018G1, LCMT1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN200018G2, LCMT1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200018RBD, 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: <u>NM 001032391, NM 016015, NM 016309</u>

UniProt ID: Q9UIC8

Synonyms: CGI-68; LCMT; PPMT1

Summary: LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue

(leu309) of the catalytic subunit of protein phosphatase-2A (PPP2CA; MIM 176915) (De Baere

et al., 1999 [PubMed 10600115]).[supplied by OMIM, Mar 2008]



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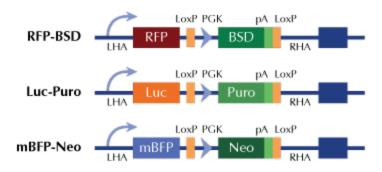
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Product images:

Donor Vector Edited Chromosome



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