

Product datasheet for **KN200018**

LCMT1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	LCMT1
Locus ID:	51451
Components:	<p>KN200018G1, LCMT1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGCTGCGACGCAGACGACGA</p> <p>KN200018G2, LCMT1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTCGTCTGCGTCGACGCTCG</p> <p>KN200018D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

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_001032391](#), [NM_016015](#), [NM_016309](#)

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]

Product images:

