

Product datasheet for **KN201242LP**

CD20 (MS4A1) 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:	CD20
Locus ID:	931
Components:	KN201242G1 , CD20 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGCCCTATTGCTATGCAATC KN201242G2 , CD20 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: ATCCTCCTGAAGAGTGGTTT KN201242LPD , 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: [NM_021950](#), [NM_152866](#), [NM_152867](#)

UniProt ID: [P11836](#)

Synonyms: B1; Bp35; CD20; CVID5; LEU-16; MS4A2; S7

Summary: This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq, Jul 2008]



[View online »](#)

Product images:

