

## **Product datasheet for KN219671LP**

#### OriGene Technologies, Inc.

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### **MS4A10 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: MS4A10 Locus ID: 341116

**Components: KN219671G1**, MS4A10 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN219671G2**, MS4A10 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN219671LPD, 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 206893

 UniProt ID:
 Q96PG2

Synonyms: CD20L7; MS4A9

**Summary:** Most MS4A genes, including MS4A10, encode proteins with at least 4 potential

transmembrane domains and N- and C-terminal cytoplasmic domains encoded by distinct

exons.[supplied by OMIM, Apr 2004]



# **Product images:**

### Donor Vector Edited Chromosome



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