

## Product datasheet for **KN219671BN**

### MS4A10 Human Gene Knockout Kit (CRISPR)

#### Product data:

|               |                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Knockout Kits (CRISPR)                                                                                                                                                                                                                                                                                                                                                                |
| Format:       | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control                                                                                                                                                                                                                                                                                                                                  |
| Donor DNA:    | mBFP-Neo                                                                                                                                                                                                                                                                                                                                                                              |
| Symbol:       | MS4A10                                                                                                                                                                                                                                                                                                                                                                                |
| Locus ID:     | 341116                                                                                                                                                                                                                                                                                                                                                                                |
| Components:   | <b>KN219671G1</b> , MS4A10 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN219671G2</b> , MS4A10 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN219671BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.<br><b>GE100003</b> , 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:       | <a href="#">NM_206893</a>                                                                                                                                                                                                                                                                                                                                                             |
| UniProt ID:   | <a href="#">Q96PG2</a>                                                                                                                                                                                                                                                                                                                                                                |
| 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]                                                                                                                                                                                   |



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Product images:

