

## Product datasheet for **KN301154RB**

### Alms1 Mouse 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-BSD   |
| Symbol:       | Alms1   |
| Locus ID:     | 236266  |
| Components:   | <b>KN301154G1</b> , Alms1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN301154G2</b> , Alms1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN301154RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD 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_145223</a>   |
| UniProt ID:   | <a href="#">Q8K4E0</a>  |
| Synonyms:     | bbb   |
| Summary:      | Involved in PCM1-dependent intracellular transport. Required, directly or indirectly, for the localization of NCAPD2 to the proximal ends of centrioles. Required for proper formation and/or maintenance of primary cilia (PC), microtubule-based structures that protrude from the surface of epithelial cells (By similarity).[UniProtKB/Swiss-Prot Function]                      |



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## Product images:

