

## Product datasheet for **KN318203BN**

### Trim32 Mouse 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:       | Trim32                                                                                                                                                                                                                                                                                                                                                                                |
| Locus ID:     | 69807                                                                                                                                                                                                                                                                                                                                                                                 |
| Components:   | <b>KN318203G1</b> , Trim32 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN318203G2</b> , Trim32 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN318203BND</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_001161782</a> , <a href="#">NM_053084</a>                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:   | <a href="#">Q8CH72</a>                                                                                                                                                                                                                                                                                                                                                                |
| Synonyms:     | 3f3; 1810045E12Rik; BBS11; Zfp117                                                                                                                                                                                                                                                                                                                                                     |
| Summary:      | Has an E3 ubiquitin ligase activity. Ubiquitinates DTNBP1 (dysbindin). May ubiquitinate BBS2 (By similarity). Ubiquitinates PIAS4/PIASY and promotes its degradation in keratinocytes treated with UVB and TNF-alpha.[UniProtKB/Swiss-Prot Function]                                                                                                                                  |



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## Product images:

