

# Product datasheet for KN307386LP

## Gsr Mouse Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

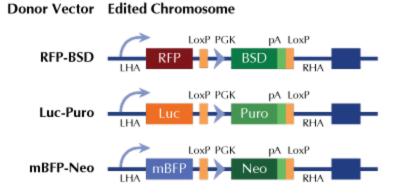
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| Product Type: | Knockout Kits (CRISPR)  |
|---------------|---|
| Format:       | 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control   |
| Donor DNA:    | Luciferase-Puro   |
| Symbol:       | Gsr   |
| Locus ID:     | 14782   |
| Components:   | <ul> <li>KN307386G1, Gsr gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN307386G2, Gsr gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN307386LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>                                   |
| 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:       | <u>NM 010344</u>  |
| UniProt ID:   | <u>P47791</u>   |
| Synonyms:     | Al325518; D8Ertd238e; Gr-1; Gr1   |
| Summary:      | Maintains high levels of reduced glutathione in the cytosol.[UniProtKB/Swiss-Prot Function]   |



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#### **Product images:**



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

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