

# Product datasheet for KN301262LP

## Ankrd1 Mouse Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

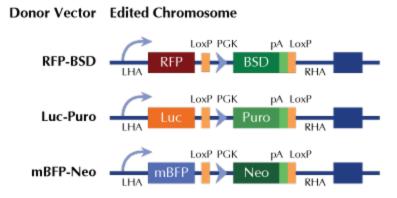
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

| Product Type: | Knockout Kits (CRISPR)  |
|---------------|---|
| Format:       | 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control   |
| Donor DNA:    | Luciferase-Puro   |
| Symbol:       | Ankrd1  |
| Locus ID:     | 107765  |
| Components:   | <ul> <li>KN301262G1, Ankrd1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN301262G2, Ankrd1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN301262LPD, 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 013468</u>  |
| UniProt ID:   | Q9CR42  |
| Synonyms:     | Alrp; CARP; Crap; MARP1   |
| Summary:      | May play an important role in endothelial cell activation. May act as a nuclear transcription factor that negatively regulates the expression of cardiac genes.[UniProtKB/Swiss-Prot Function]  |



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

#### **Product images:**



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

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US