

Product datasheet for **KN311193LP**

Nr1d1 Mouse Gene Knockout Kit (CRISPR)

Product data:

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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: | Nr1d1 |
| Locus ID: | 217166 |
| Components: | <p>KN311193G1, Nr1d1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN311193G2, Nr1d1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN311193LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p> |
| RefSeq: | NM_145434 |
| UniProt ID: | Q3UV55 |
| Synonyms: | A530070C09Rik; R75201 |
| Summary: | <p>This gene encodes a transcription factor that is a member of the nuclear receptor subfamily 1. The encoded protein is a ligand-sensitive transcription factor that negatively regulates the expression of core clock proteins. In particular this protein represses the circadian clock transcription factor aryl hydrocarbon receptor nuclear translocator-like protein 1 (Arntl). This protein may also be involved in regulating genes that function in metabolic, inflammatory and cardiovascular processes. [provided by RefSeq, Feb 2014]</p> |



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Product images:

