

## Product datasheet for **KN310937LP**

### Nfe2l2 Mouse Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	Nfe2l2
Locus ID:	18024
Components:	<p><b>KN310937G1</b>, Nfe2l2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN310937G2</b>, Nfe2l2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN310937LPD</b>, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	<u><a href="#">NM_010902</a></u> , <u><a href="#">NR_132727</a></u>
UniProt ID:	<u><a href="#">Q60795</a></u>
Synonyms:	Nrf2
Summary:	<p>This gene encodes a transcription factor which is a member of a small family of basic leucine zipper (bZIP) proteins. The encoded transcription factor regulates genes which contain antioxidant response elements (ARE) in their promoters; many of these genes encode proteins involved in response to injury and inflammation which includes the production of free radicals. [provided by RefSeq, Sep 2015]</p>



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## Product images:

