

Product datasheet for **KN213467LP**

NCoR (NCOR1) Human 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: | NCoR |
| Locus ID: | 9611 |
| Components: | KN213467G1 , NCoR gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN213467G2 , NCoR gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN213467LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , 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: | NM_001190438 , NM_001190440 , NM_006311 |
| UniProt ID: | O75376 |
| Synonyms: | hN-CoR; N-CoR; N-CoR1; PPP1R109; TRAC1 |
| Summary: | This gene encodes a protein that mediates ligand-independent transcription repression of thyroid-hormone and retinoic-acid receptors by promoting chromatin condensation and preventing access of the transcription machinery. It is part of a complex which also includes histone deacetylases and transcriptional regulators similar to the yeast protein Sin3p. This gene is located between the Charcot-Marie-Tooth and Smith-Magenis syndrome critical regions on chromosome 17. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 17 and 20.[provided by RefSeq, Jun 2010] |



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Product images:

