

Product datasheet for **KN209190RB**

MIRO1 (RHOT1) Human Gene Knockout Kit (CRISPR)

Product data:

| | |
|---------------|---|
| Product Type: | Knockout Kits (CRISPR) |
| Format: | 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control |
| Donor DNA: | RFP-BSD |
| Symbol: | MIRO1 |
| Locus ID: | 55288 |
| Components: | KN209190G1 , MIRO1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN209190G2 , MIRO1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN209190RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_001033566 , NM_001033567 , NM_001033568 , NM_001288754 , NM_001288755 , NM_001288758 , NM_018307 , NR_110083 |
| UniProt ID: | Q8IXI2 |
| Synonyms: | ARHT1; MIRO-1; MIRO1 |
| Summary: | Mitochondrial GTPase involved in mitochondrial trafficking. Probably involved in control of anterograde transport of mitochondria and their subcellular distribution.[UniProtKB/Swiss-Prot Function] |



[View online »](#)

Product images:

