

# Product datasheet for KN204823LP

## MIRO2 (RHOT2) Human 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 MIRO2 Symbol: Locus ID: 89941 KN204823G1, MIRO2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN204823G2, MIRO2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204823LPD, 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 138769, NM 001352275, NM 001352276, NM 001352277, NM 001352278, NM 001352279, NM 001352280, NM 001352281, NM 001352282, NM 001352283, NM 001352284, NM 001352285, NM 001352286, NM 001352287, NM 001352288, NM 001352289, NM 001352290, NM 001352291, NM 001352292, NM 001352293, NM 001352294, NR 147953, NR 147954, NR 147955, NR 147956 **UniProt ID:** Q8IXI1 ARHT2; C16orf39; MIRO-2; MIRO2; RASL Synonyms: Summary: This gene encodes a member of the Rho family of GTPases. The encoded protein is localized to the outer mitochondrial membrane and plays a role in mitochondrial trafficking and fusion-fission dynamics. [provided by RefSeq, Nov 2011]

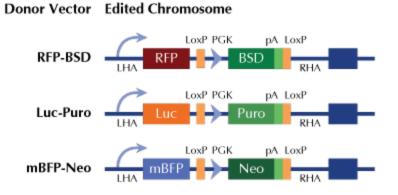


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### **Product images:**



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

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