

Product datasheet for **KN209190LP**

MIRO1 (RHOT1) 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
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) KN209190LPD , 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_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]



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Product images:

