

## Product datasheet for **KN203094RB**

### **RAB32 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
<b>Donor DNA:</b>	RFP-BSD
<b>Symbol:</b>	RAB32
<b>Locus ID:</b>	10981
<b>Components:</b>	<b>KN203094G1</b> , RAB32 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN203094G2</b> , RAB32 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN203094RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
<b>Disclaimer:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_006834</a>
<b>UniProt ID:</b>	<a href="#">Q13637</a>
<b>Synonyms:</b>	OTTHUMP00000017369; RAB32, member RAS oncogene family
<b>Summary:</b>	The protein encoded by this gene anchors the type II regulatory subunit of protein kinase A to the mitochondrion and aids in mitochondrial fission. The encoded protein also appears to be involved in autophagy and melanosome secretion. Variations in this gene may be linked to leprosy. [provided by RefSeq, Dec 2015]



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**Product images:**
