

## Product datasheet for **KN206461LP**

### **RBM7 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
<b>Donor DNA:</b>	Luciferase-Puro
<b>Symbol:</b>	RBM7
<b>Locus ID:</b>	10179
<b>Components:</b>	<b>KN206461G1</b> , RBM7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN206461G2</b> , RBM7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN206461LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro 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_001286045</a> , <a href="#">NM_001286046</a> , <a href="#">NM_001286047</a> , <a href="#">NM_001286048</a> , <a href="#">NM_016090</a>
<b>UniProt ID:</b>	<a href="#">Q9Y580</a>
<b>Summary:</b>	Subunit of the trimeric nuclear exosome targeting (NEXT) complex, a complex that directs a subset of non-coding short-lived RNAs for exosomal degradation. The RNA exosome is fundamental for the degradation of RNA in eukaryotic nuclei. Substrate targeting is facilitated by its cofactor MTREX, which links to RNA-binding protein adapters (PubMed:27871484). Possible involved in germ cell RNA processing and meiosis (Probable).[UniProtKB/Swiss-Prot Function]



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**Product images:**
