

## Product datasheet for **KN201659BN**

### **RBM3 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
<b>Donor DNA:</b>	mBFP-Neo
<b>Symbol:</b>	RBM3
<b>Locus ID:</b>	5935
<b>Components:</b>	<b>KN201659G1</b> , RBM3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN201659G2</b> , RBM3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN201659BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo 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_001017430</a> , <a href="#">NM_001017431</a> , <a href="#">NM_006743</a>
<b>UniProt ID:</b>	<a href="#">P98179</a>
<b>Synonyms:</b>	IS1-RNPL; OTTHUMP00000025800; OTTHUMP00000025802; RNA binding motif (RNP1, RRM) protein 3; RNA binding motif protein 3; RNPL; RNPL, IS1-RNPL
<b>Summary:</b>	This gene is a member of the glycine-rich RNA-binding protein family and encodes a protein with one RNA recognition motif (RRM) domain. Expression of this gene is induced by cold shock and low oxygen tension. A pseudogene exists on chromosome 1. Multiple alternatively spliced transcript variants that are predicted to encode different isoforms have been characterized although some of these variants fit nonsense-mediated decay (NMD) criteria. [provided by RefSeq, Jul 2008]



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**Product images:**
