

Product datasheet for KN201659BN

RBM3 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: RBM3 Locus ID: 5935

KN201659G1, RBM3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN201659G2, RBM3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201659BND, donor DNA containing left and right homologous arms and mBFP-Neo

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.

NM 001017430, NM 001017431, NM 006743 RefSeq:

UniProt ID: P98179

Synonyms: IS1-RNPL; OTTHUMP00000025800; OTTHUMP00000025802; RNA binding motif (RNP1, RRM)

protein 3; RNA binding motif protein 3; RNPL; RNPL, IS1-RNPL

This gene is a member of the glycine-rich RNA-binding protein family and encodes a protein **Summary:**

> 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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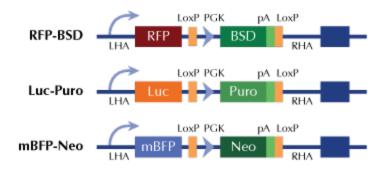
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Product images:

Donor Vector Edited Chromosome



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