

# Product datasheet for KN218842RB

# Eg5 (KIF11) Human Gene Knockout Kit (CRISPR)

## **Product data:**

#### **Product Type:** Knockout Kits (CRISPR) Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control Donor DNA: **RFP-BSD** Symbol: Eg5 3832 Locus ID: KN218842G1, Eg5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN218842G2, Eg5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN218842RBD, donor DNA containing left and right homologous arms and RFP-BSD 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 004523 **UniProt ID:** P52732 Synonyms: EG5; HKSP; KNSL1; MCLMR; TRIP5 Summary: This gene encodes a motor protein that belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis. [provided by RefSeq, Jul 2008]

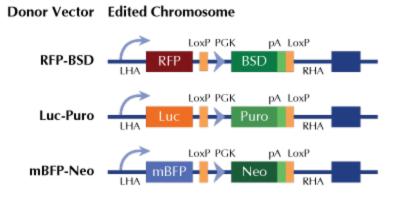


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### **Product images:**



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

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