

# Product datasheet for KN218842BN

## Eg5 (KIF11) 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: 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)

KN218842BND, 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.

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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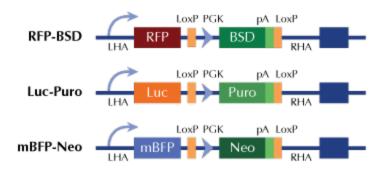
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# **Product images:**

### Donor Vector Edited Chromosome



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