

## Product datasheet for KN201783LP

#### OriGene Technologies, Inc.

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### MAP126 (SPAG5) Human Gene Knockout Kit (CRISPR)

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

**Format:** 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

**Donor DNA:** Luciferase-Puro

Symbol: MAP126 Locus ID: 10615

**Components: KN201783G1**, MAP126 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN201783G2, MAP126 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201783LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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 006461

 UniProt ID:
 O96R06

**Synonyms:** DEEPEST; hMAP126; MAP126

**Summary:** This gene encodes a protein associated with the mitotic spindle apparatus. The encoded

protein may be involved in the functional and dynamic regulation of mitotic spindles.

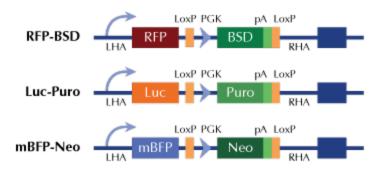
[provided by RefSeg, Jul 2008]





# **Product images:**

#### Donor Vector Edited Chromosome



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