

## Product datasheet for **KN215922BN**

### Spectrin beta 5 (SPTBN5) 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:** Spectrin beta 5  
**Locus ID:** 51332  
**Components:** **KN215922G1**, Spectrin beta 5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)  
**KN215922G2**, Spectrin beta 5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)  
**KN215922BND**, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.

Homologous arm and mBFP-Neo sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **mBFP-Neo in green**; **Right arm in violet**

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**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\\_016642](#)

**UniProt ID:**

[Q9NRC6](#)

**Synonyms:**

BSPECV; HUBSPECV; HUSPECV

Product images:

