

### Product datasheet for KN315645BN

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# Sf3b4 Mouse 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: Sf3b4

**Locus ID:** 107701

**Components:** KN315645G1, Sf3b4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN315645G2**, Sf3b4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN315645BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

**RefSeq:** <u>NM 153053</u>

UniProt ID: Q8QZY9

Synonyms: Sap49; SF3b49; SF3b50

**Summary:** This gene encodes one of the subunits of splicing factor 3B. A similar gene in human encodes

a protein that cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be

involved in the assembly of the B, C and E spliceosomal complexes, and also belongs with the

minor U12-dependent spliceosome. [provided by RefSeq, May 2015]



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



## **Product images:**

#### Donor Vector Edited Chromosome



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