

Product datasheet for KN315645BN

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

Sf3b4 Symbol: 107701 Locus ID:

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

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

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 153053 **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]



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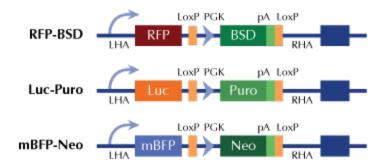
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Product images:

Donor Vector Edited Chromosome



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