

Product datasheet for KN315645LP

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Sf3b4 Mouse 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: 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)

KN315645LPD, 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 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

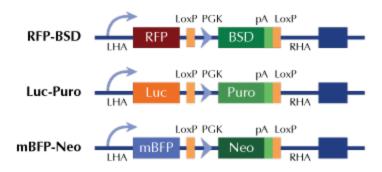
involved in the assembly of the B, C and E spliceosomal complexes, and also belongs with the

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



Product images:

Donor Vector Edited Chromosome



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