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Product datasheet for KN303251BN

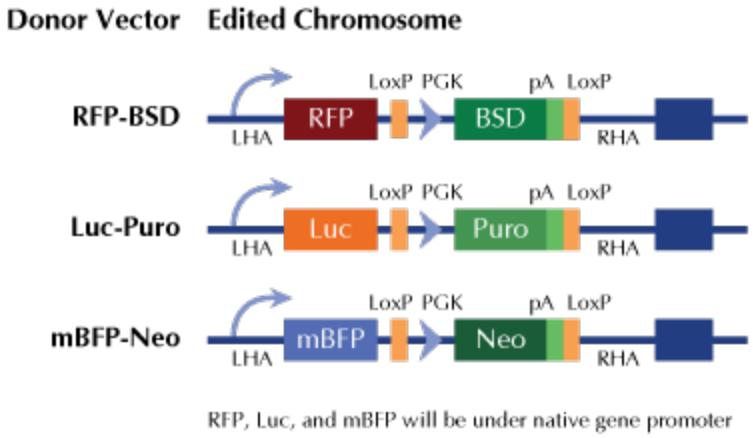
Chd7 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	Chd7
Locus ID:	320790
Components:	**KN303251G1**, Chd7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN303251G2**, Chd7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN303251BND**, 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_001081417, NM_001277149, NM_001033395
UniProt ID:	A2AJK6
Synonyms:	A730019I05Rik; Cycn; Cyn; Dz; Edy; Flo; Lda; Mt; Obt; RP23-464N23.1; Todo; WBE1; Whi
Summary:	This gene encodes a protein containing two chromodomains and an ATP-binding helicase domain that functions as a regulator of transcription. Mutations in this gene result in an array of development defects, including inner ear problems. Mice defective for this gene exhibit many of the clinical features of the CHARGE syndrome caused by mutations in the homologous gene in human. [provided by RefSeq, Sep 2015]

View online »

Product images:



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