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Product datasheet for KN212694BN

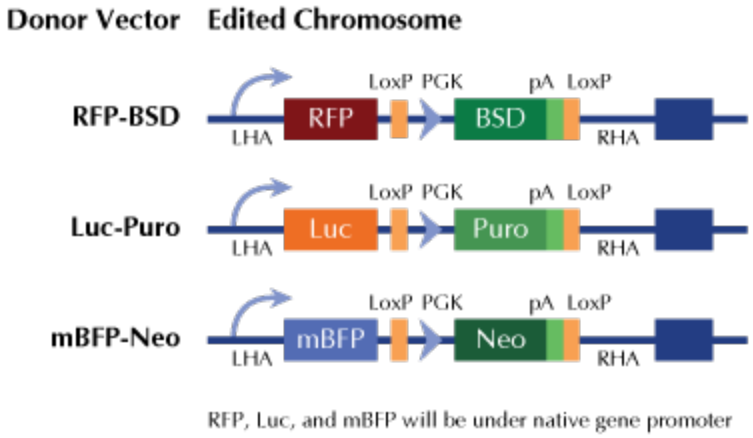
Nesprin 1 (SYNE1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	Nesprin 1
Locus ID:	23345
Components:	**KN212694G1**, Nesprin 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN212694G2**, Nesprin 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN212694BND**, 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_015293, NM_033071, NM_133650, NM_182961, NM_001347701, NM_001347702
UniProt ID:	Q8NF91
Synonyms:	8B; ARCA1; C6orf98; CPG2; dJ45H2.2; DKFZp781J13156; EDMD4; FLJ30878; FLJ41140; KIAA0796
Summary:	This gene encodes a spectrin repeat containing protein expressed in skeletal and smooth muscle, and peripheral blood lymphocytes, that localizes to the nuclear membrane. Mutations in this gene have been associated with autosomal recessive spinocerebellar ataxia 8, also referred to as autosomal recessive cerebellar ataxia type 1 or recessive ataxia of Beauce. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

View online »

Product images:



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