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Product datasheet for KN215977BN

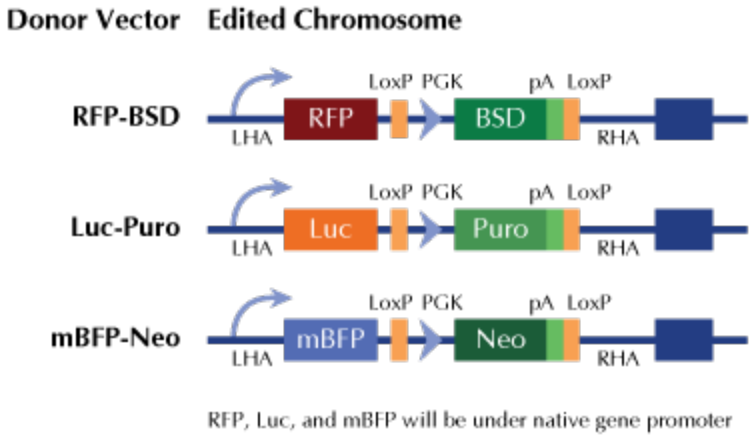
ADCY9 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	ADCY9
Locus ID:	115
Components:	**KN215977G1**, ADCY9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN215977G2**, ADCY9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN215977BND**, 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_001116
UniProt ID:	O60503
Synonyms:	AC9; ACIX
Summary:	Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin. [provided by RefSeq, Jul 2008]

View online »

Product images:



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