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Product datasheet for KN201394BN

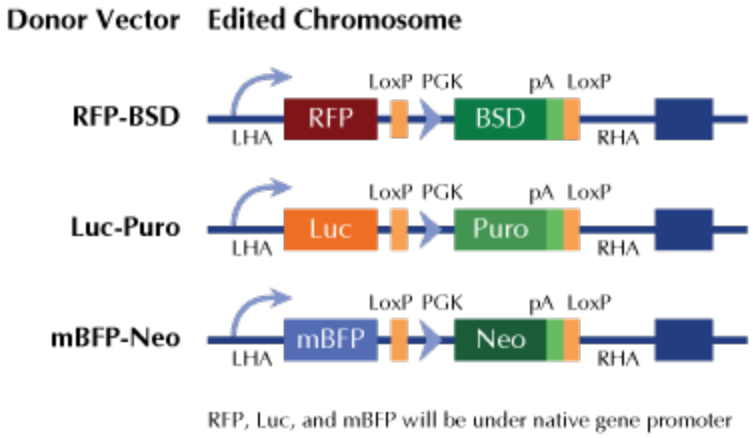
CAP1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	CAP1
Locus ID:	10487
Components:	**KN201394G1**, CAP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN201394G2**, CAP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN201394BND**, 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_001105530, NM_001330502, NM_006367, NM_001350475, NM_001350476, NM_001350477, NM_001350478, NM_001350479, NM_001350480, NM_001350481, NM_001350482, NM_001350483, NM_001350484, NM_001350485
UniProt ID:	Q01518
Synonyms:	CAP; CAP1-PEN
Summary:	The protein encoded by this gene is related to the S. cerevisiae CAP protein, which is involved in the cyclic AMP pathway. The human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2016]

View online »

Product images:



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