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Product datasheet for KN202802RB

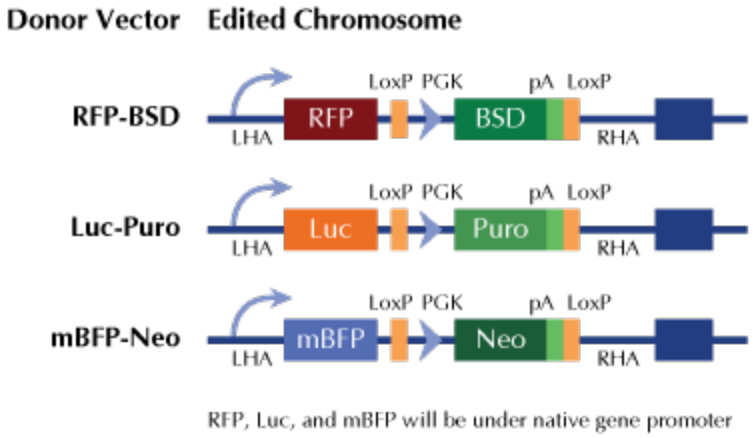
Serum Amyloid P (APCS) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Serum Amyloid P
Locus ID:	325
Components:	**KN202802G1**, Serum Amyloid P gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN202802G2**, Serum Amyloid P gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN202802RBD**, donor DNA containing left and right homologous arms and RFP-BSD 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_001639
UniProt ID:	P02743
Synonyms:	HEL-S-92n; PTX2; SAP
Summary:	The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo. [provided by RefSeq, Sep 2008]

View online »

Product images:



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