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Product datasheet for KN206112RB

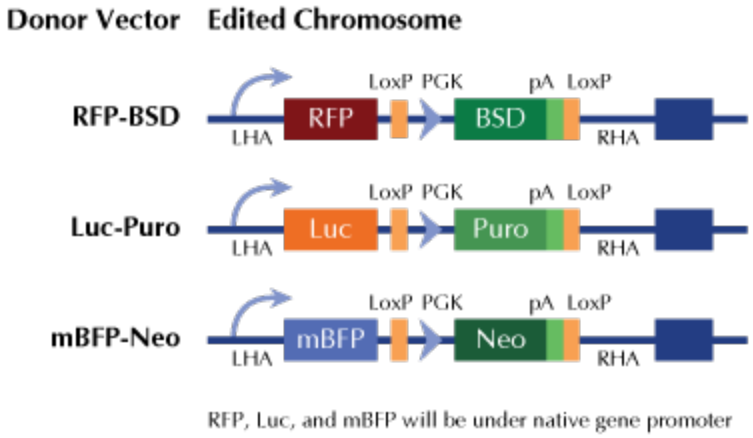
PLPP6 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	PLPP6
Locus ID:	403313
Components:	**KN206112G1**, PLPP6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN206112G2**, PLPP6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN206112RBD**, 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_203453
UniProt ID:	Q8IY26
Synonyms:	bA6J24.6; PDP1; PPAPDC2; PSDP
Summary:	Phosphatase that dephosphorylates presqualene diphosphate (PSDP) into presqualene monophosphate (PSMP), suggesting that it may be indirectly involved in innate immunity. PSDP is a bioactive lipid that rapidly remodels to presqualene monophosphate PSMP upon cell activation. Displays diphosphate phosphatase activity with a substrate preference for PSDP > FDP > phosphatidic acid.[UniProtKB/Swiss-Prot Function]

View online »

Product images:



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