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Product datasheet for KN205735RB

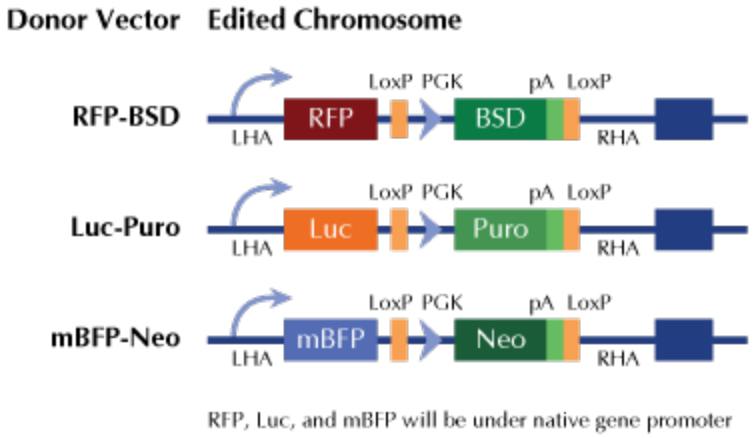
WDR85 (DPH7) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	WDR85
Locus ID:	92715
Components:	**KN205735G1**, WDR85 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN205735G2**, WDR85 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN205735RBD**, 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_138778, NM_001346370, NM_001346371, NM_001346372, NM_001346373, NM_001346374, NM_001346375, NM_001346376, NM_001346377, NM_001346378, NM_001346379, NM_001346380, NM_001346381, NM_001346382, NM_001346383, NM_001346384, NM_001346385, NM_001346386, NM_001346387, NM_001346388, NM_001346389, NM_001346390, NM_001346391, NM_001346392, NM_001346393, NM_001346394, NM_001346395, NM_001346396
UniProt ID:	Q9BTV6
Synonyms:	C9orf112; RRT2; WDR85
Summary:	Diphthamide is a post-translationally modified histidine residue present in elongation factor 2, and is the target of diphtheria toxin. This gene encodes a protein that contains a WD-40 domain, and is thought to be involved in diphthamide biosynthesis. A similar protein in yeast functions as a methylesterase, converting methylated diphthine to diphthine, which can then undergo amidation to produce diphthamide. [provided by RefSeq, Oct 2016]

View online »

Product images:



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