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Product datasheet for KN204482LP

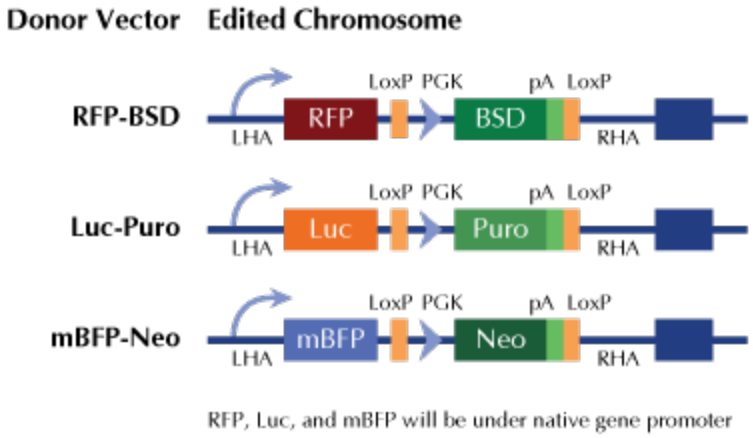
MAGEA4 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	MAGEA4
Locus ID:	4103
Components:	**KN204482G1**, MAGEA4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN204482G2**, MAGEA4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN204482LPD**, donor DNA containing left and right homologous arms and Luciferase-Puro 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_001011548, NM_001011549, NM_001011550, NM_002362
UniProt ID:	P43358
Synonyms:	CT1.4; MAGE-41; MAGE-X2; MAGE4; MAGE4A; MAGE4B
Summary:	This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. Several variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2020]

View online »

Product images:



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