

Product datasheet for KN200670BN

MAGEA8 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: MAGEA8

Locus ID: 4107

KN200670G1, MAGEA8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN200670G2, MAGEA8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200670BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

NM 001166400, NM 001166401, NM 005364 RefSeq:

UniProt ID: P43361

Synonyms: CT1.8; MAGE8

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. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Oct 2009]

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

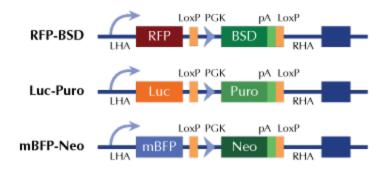
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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