

Product datasheet for KN309822BN

Product datasileet for kinsusozzani

Matr3 Mouse 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: Matr3 Locus ID: 17184

Components: KN309822G1, Matr3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN309822G2, Matr3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN309822BND, donor DNA containing left and right homologous arms and mBFP-Neo

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: <u>NM 010771</u>

UniProt ID: Q8K310

Synonyms: 1110061A14Rik; 2810017I02Rik; AI841759; AW555618; D030046F20Rik; mKIAA0723

Summary: May play a role in transcription or may interact with other nuclear matrix proteins to form

the internal fibrogranular network. In association with the SFPQ-NONO heteromer may play a role in nuclear retention of defective RNAs (By similarity).[UniProtKB/Swiss-Prot Function]

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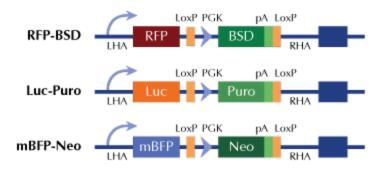
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Product images:

Donor Vector Edited Chromosome



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