

Product datasheet for KN201464BN

RAB10 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: RAB10

10890 Locus ID:

KN201464G1, RAB10 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN201464G2, RAB10 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201464BND, 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: NM 016131

UniProt ID: P61026

Synonyms: Ac1075; RAB10, member RAS oncogene family; ras-related protein rab10

RAB10 belongs to the RAS (see HRAS; MIM 190020) superfamily of small GTPases. RAB Summary:

proteins localize to exocytic and endocytic compartments and regulate intracellular vesicle

trafficking (Bao et al., 1998 [PubMed 9918381]).[supplied by OMIM, Mar 2009]

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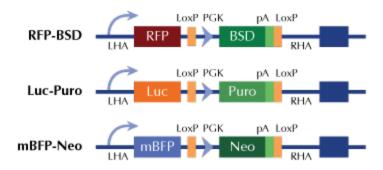
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Product images:

Donor Vector Edited Chromosome



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