

Product datasheet for KN217885RB

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SNF5 (SMARCB1) 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-BSDSymbol:SNF5Locus ID:6598

Components: KN217885G1, SNF5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN217885G2, SNF5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN217885RBD, 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 001007468, NM 001317946, NM 003073, NM 001362877

UniProt ID: Q12824

Synonyms: BAF47; CSS3; hSNF5; INI1; MRD15; PPP1R144; RDT; RTPS1; Sfh1p; SNF5; SNF5L1; Snr1;

SWNTS1

Summary: The protein encoded by this gene is part of a complex that relieves repressive chromatin

structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Alternatively spliced transcript variants have

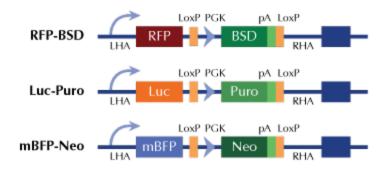
been found for this gene. [provided by RefSeq, Dec 2015]





Product images:

Donor Vector Edited Chromosome



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