

Product datasheet for KN218267BN

UNC5B 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: UNC5B

Locus ID: 219699

KN218267G1, UNC5B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN218267G2, UNC5B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN218267BND, 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 001244889, NM 170744

UniProt ID: Q8IZI1

Synonyms: p53RDL1; UNC5H2

Summary: This gene encodes a member of the netrin family of receptors. This particular protein

> mediates the repulsive effect of netrin-1 and is a vascular netrin receptor. This encoded protein is also in a group of proteins called dependence receptors (DpRs) which are involved in pro- and anti-apoptotic processes. Many DpRs are involved in embryogenesis and in cancer progression. Two alternatively spliced transcript variants have been described for this

gene. [provided by RefSeq, Oct 2011]



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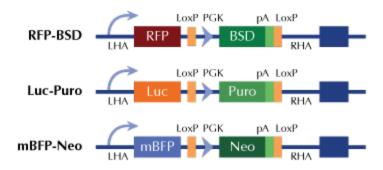
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Product images:

Donor Vector Edited Chromosome



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