

Product datasheet for **KN218267**

UNC5B Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: UNC5B
Locus ID: 219699
Components: **KN218267G1**, UNC5B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGGTAGGAAGCGATCGGGTC
KN218267G2, UNC5B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGCGCCCCGAGCTCCGCTC
KN218267D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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CGATCGGAGG ACCGAAGGAG CTAACCGCTT TTTTGACAAA CATGGGGGAT CATGTAACCT GCCTT

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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:

[Q8IZ1](#)

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]

Product images:

