

Product datasheet for KN207015BN

Product datasileet for kinzu/015Bit

NR2E1 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: NR2E1 Locus ID: 7101

Components: KN207015G1, NR2E1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN207015G2, NR2E1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN207015BND, 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 001286102</u>, <u>NM 003269</u>

UniProt ID: Q9Y466

Synonyms: TLL; TLX; XTLL

Summary: The protein encoded by this gene is an orphan receptor involved in retinal development. The

encoded protein also regulates adult neural stem cell proliferation and may be involved in control of aggressive behavior. Two transcript variants encoding different isoforms have been

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



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

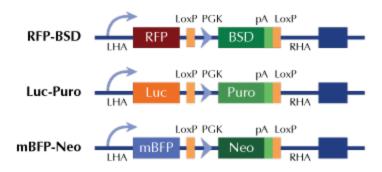
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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